Material Planning

The PowerLink options for MRP, VPI and Thru-Put planning

Jim Simunek
Senior Consultant
Jim.Simunek@cistech.net

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THE INFOR XA EXPERTS

Material Planning Introduction

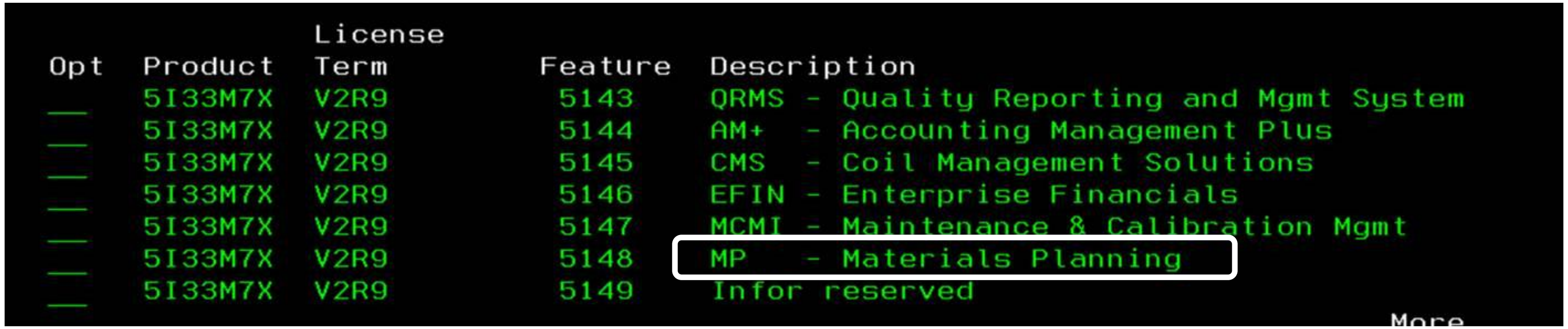
- With Release 9.1 of XA, Infor created a new XA application, ‘Material Planning’
- The purpose of Material Planning is to bring planning functions into PowerLink
- Everyone with an MRP, VPI or Thru-Put license is entitled to a Material Planning License key **at no additional charge**
    - However, you must request the license key from Infor, they do not supply it automatically

Material Planning Introduction

- At release 9.1, after receiving and applying the Material Planning license key there are 2 PTF’s that need to be applied:
  - SH49406
    - Horizon Values
    - Period Intervals
    - Planning Execution Options
    - Planning Run (Host Job – MRP only)
    - Report Options
  - SH50147
    - Item Requirements Inquiry brought into Item Warehouse as new ‘Planned Activity’ overview card
  - At R9.1, you need to be at level 3.37 or higher of the client/PowerLink
- At release 9.2, installing the license key should be all you need to do. If you do not see the planning fields in the warehouse card you may need to run MRP install/tailor

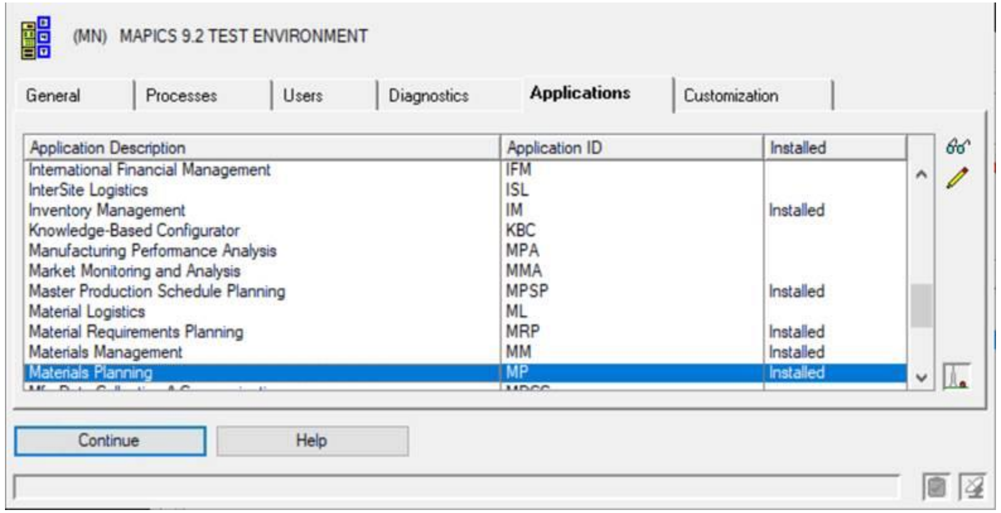
Material Planning License Key

- The license key is entered using the ADDLICKEY command on the green screen of the iSeries. You can also do a WRKLICINF PRDID(‘5I*’) and scan for the correct product and term



```
                  License
Opt   Product     Term           Feature   Description
      5I33M7X     V2R9            5143     QRMS  - Quality Reporting and Mgmt System
___   5I33M7X     V2R9            5144     AM+   - Accounting Management Plus
___   5I33M7X     V2R9            5145     CMS   - Coil Management Solutions
___   5I33M7X     V2R9            5146     EFIN  - Enterprise Financials
___   5I33M7X     V2R9            5147     MCMI  - Maintenance & Calibration Mgmt
___   5I33M7X     V2R9            5148     MP    - Materials Planning
___   5I33M7X     V2R9            5149     Infor reserved
___                                                                        More
```

- In Link Manager, you need to turn on the install flag for the application



(MN) MAPICS 9.2 TEST ENVIRONMENT

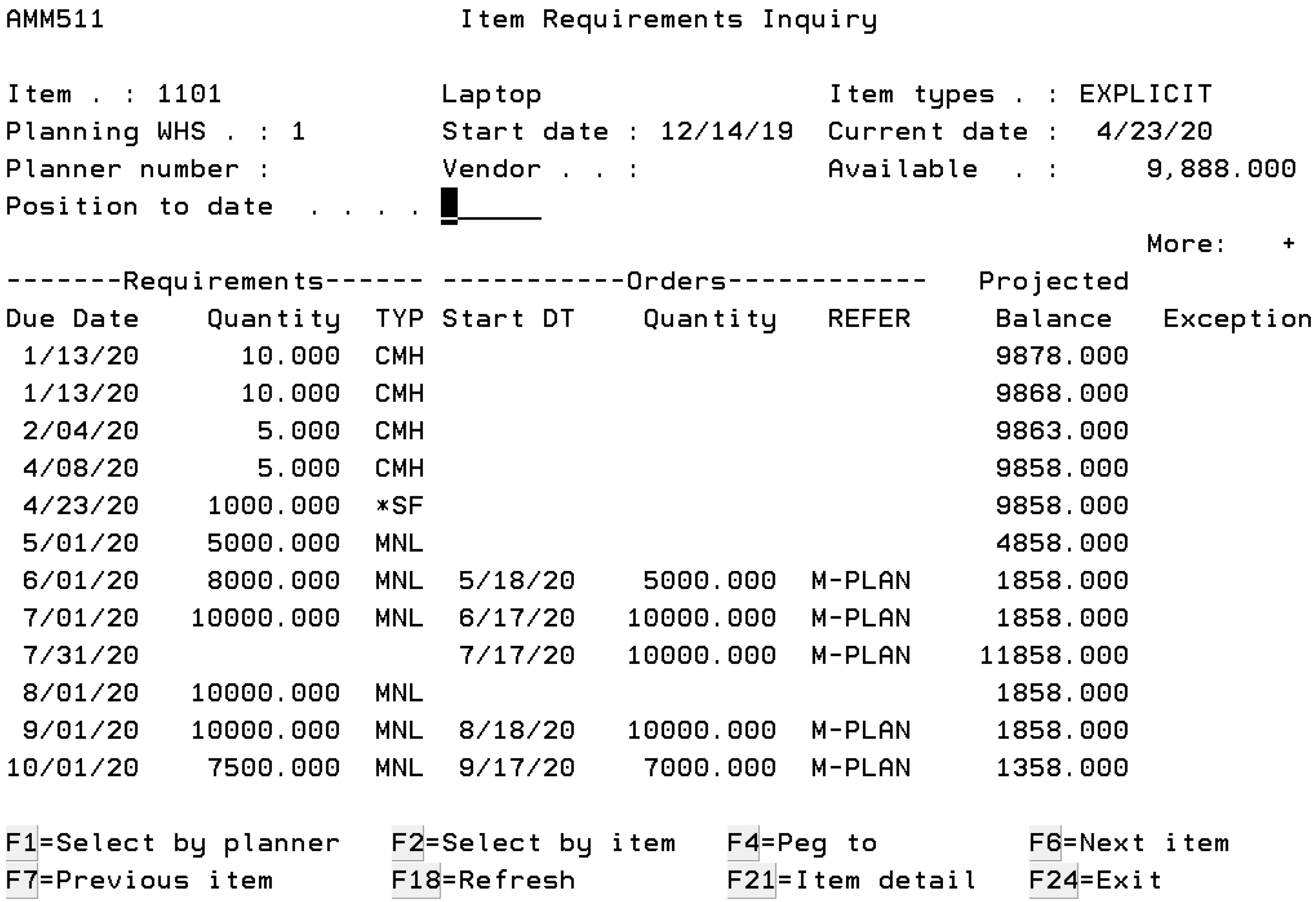
Application Description	Application ID	Installed
International Financial Management	IFM	
InterSite Logistics	ISL	
Inventory Management	IM	Installed
Knowledge-Based Configurator	KBC	
Manufacturing Performance Analysis	MPA	
Market Monitoring and Analysis	MMA	
Master Production Schedule Planning	MPSP	Installed
Material Logistics	ML	
Material Requirements Planning	MRP	Installed
Materials Management	MM	Installed
Materials Planning	MP	Installed

XA Planning Engines

Material Requirements Planning (MRP)

- MRP is the oldest of the 3 planning software options
- 5 steps to a planning run
  - Gather all the requirements for an item and put them in date sequence
  - Net the requirements against the quantity on hand and on order
    - Generate Expedite, Defer and Cancel messages when dates on orders do not align to the date of the requirement
  - Create Planned Orders where on hand/on order does not satisfy requirements
  - Calculate the Start Date of the planned order using the Lead Time
    - If the start date is before the MRP Current Date, add a ‘31 Release & Expedite’ message
    - If the start date is before the MRP Release Date, add a ‘51 Release’ message
  - M-Plan Orders generate ‘Peg To’ requirements to the components of the BOM
    - Start date of the M-Plan will be the ‘Required date’ of the Peg To Requirement

Item Requirements Inquiry

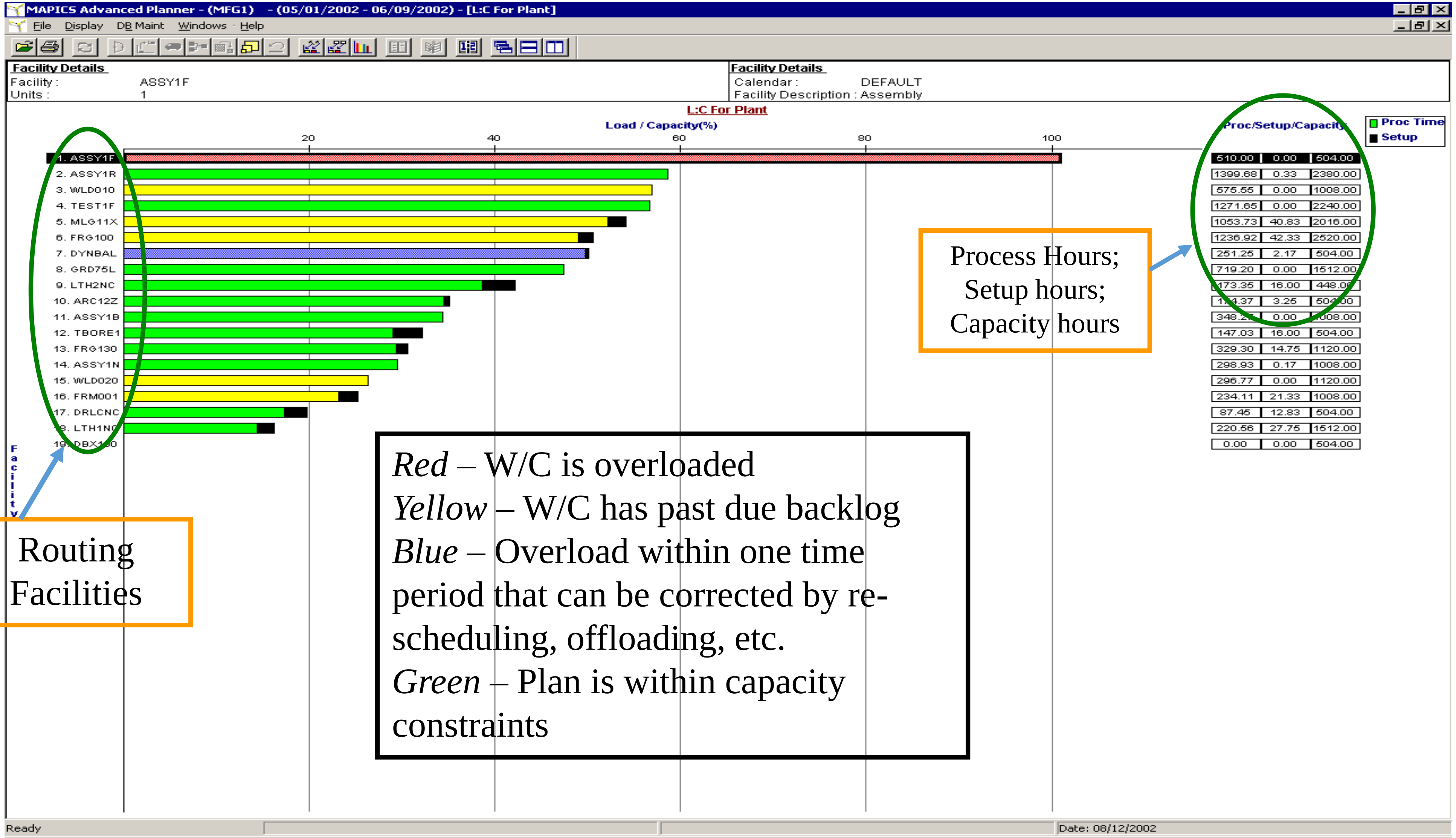


```
AMM511                     Item Requirements Inquiry

Item . : 1101             Laptop                 Item types . : EXPLICIT
Planning WHS . : 1        Start date : 12/14/19  Current date :  4/23/20
Planner number :          Vendor . . :           Available  . :      9,888.000
Position to date  . . . . _
                                                                    More:    +
-------Requirements------ -----------Orders------------   Projected
Due Date    Quantity  TYP Start DT    Quantity   REFER     Balance   Exception
 1/13/20      10.000  CMH                                   9878.000
 1/13/20      10.000  CMH                                   9868.000
 2/04/20       5.000  CMH                                   9863.000
 4/08/20       5.000  CMH                                   9858.000
 4/23/20    1000.000  *SF                                   9858.000
 5/01/20    5000.000  MNL                                   4858.000
 6/01/20    8000.000  MNL  5/18/20     5000.000 M-PLAN      1858.000
 7/01/20   10000.000  MNL  6/17/20    10000.000 M-PLAN      1858.000
 7/31/20                   7/17/20    10000.000 M-PLAN     11858.000
 8/01/20   10000.000  MNL                                   1858.000
 9/01/20   10000.000  MNL  8/18/20    10000.000 M-PLAN      1858.000
10/01/20    7500.000  MNL  9/17/20     7000.000 M-PLAN      1358.000

F1=Select by planner   F2=Select by item   F4=Peg to           F6=Next item
F7=Previous item       F18=Refresh         F21=Item detail     F24=Exit
```

Visual Planner (VPI)

- VPI introduced Capacity Planning with Material Planning
- Download all required XA files to an Access database on a PC or Server
- Lead Times for make items are ignored and VPI uses the item's routing or Item/Line file (Repetitive) to backward schedule work center load and calculate the start date of the M-Plan order.
- Will overload a work center's capacity
- Designed for the Master Scheduler to review capacity load and material shortages prior to saving the plan back to the iSeries/AS400 XA files
  - Updates the Planned Order (PLNORD) and Requirements (REQMTS) files so 'Item Requirements Inquiry' can be used same as MRP
  - Updates MO **Operation** Start/Due dates on released MO's if moved for capacity. Tailoring specifies if Order Start/Due date is updated.
  - Does not update PO Item start/due dates on existing orders

Visual Planner (VPI) Load to Capacity


MAPICS Advanced Planner - (MFG1) - (05/01/2002 - 06/09/2002) - [L:C For Plant]
File
Display
DB Maint
Windows
Help
L:C For Plant
Load / Capacity(%)
20
40
60
80
100
1. ASSY1F
2. ASSY1R
3. WLD010
4. TEST1F
5. MLG11X
6. FRG100
7. DYNBAL
8. GRD75L
9. LTH2NC
10. ARC12Z
11. ASSY1B
12. TBORE1
13. FRG130
14. ASSY1N
15. WLD020
16. FRM001
17. DRLCNC
8. LTH1N
19. DBX1 0
Facility
Proc Time
Setup
Ready

Facility Details
Facility : ASSY1F
Units : 1

Facility Details
Calendar : DEFAULT
Facility Description : Assembly

Date: 08/12/2002

Proc/Setup/Capacity		
510.00	0.00	504.00
1399.68	0.33	2380.00
575.55	0.00	1008.00
1271.65	0.00	2240.00
1053.73	40.83	2016.00
1236.92	42.33	2520.00
251.25	2.17	504.00
719.20	0.00	1512.00
173.35	16.00	448.00
1[illegible]4.37	3.25	504.00
348.2[illegible]	0.00	[illegible]008.00
147.03	16.00	504.00
329.30	14.75	1120.00
298.93	0.17	1008.00
296.77	0.00	1120.00
234.11	21.33	1008.00
87.45	12.83	504.00
220.56	27.75	1512.00
0.00	0.00	504.00

Process Hours;
Setup hours;
Capacity hours

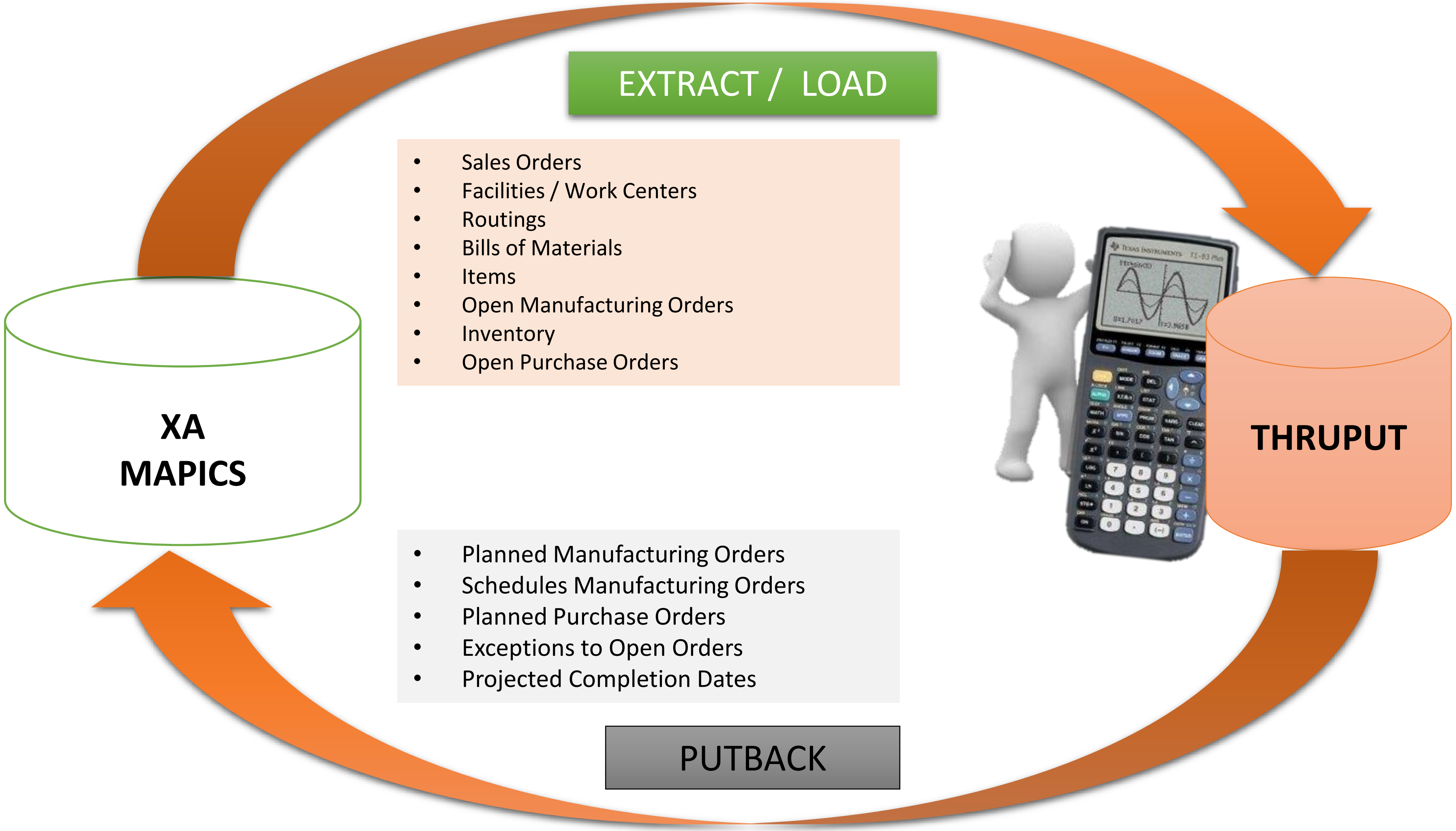
Routing
Facilities

Red – W/C is overloaded
Yellow – W/C has past due backlog
Blue – Overload within one time period that can be corrected by re-scheduling, offloading, etc.
Green – Plan is within capacity constraints

Thru-Put

- Thru-Put uses the theory of constraints (i.e. the book *The Goal*) to limit the manufacturing orders going through a constraining work center (called a ‘drum’)
- Customer Orders and forecasts are the driving requirements
- Schedules material and labor to maximize output of drum work centers and optionally updates scheduled ship dates on CO line items based on production schedule
- Will not overload a work center

ThruPut Integration with MAPICS XA



EXTRACT / LOAD

- Sales Orders
- Facilities / Work Centers
- Routings
- Bills of Materials
- Items
- Open Manufacturing Orders
- Inventory
- Open Purchase Orders

XA
MAPICS

THRUPUT

- Planned Manufacturing Orders
- Schedules Manufacturing Orders
- Planned Purchase Orders
- Exceptions to Open Orders
- Projected Completion Dates

PUTBACK

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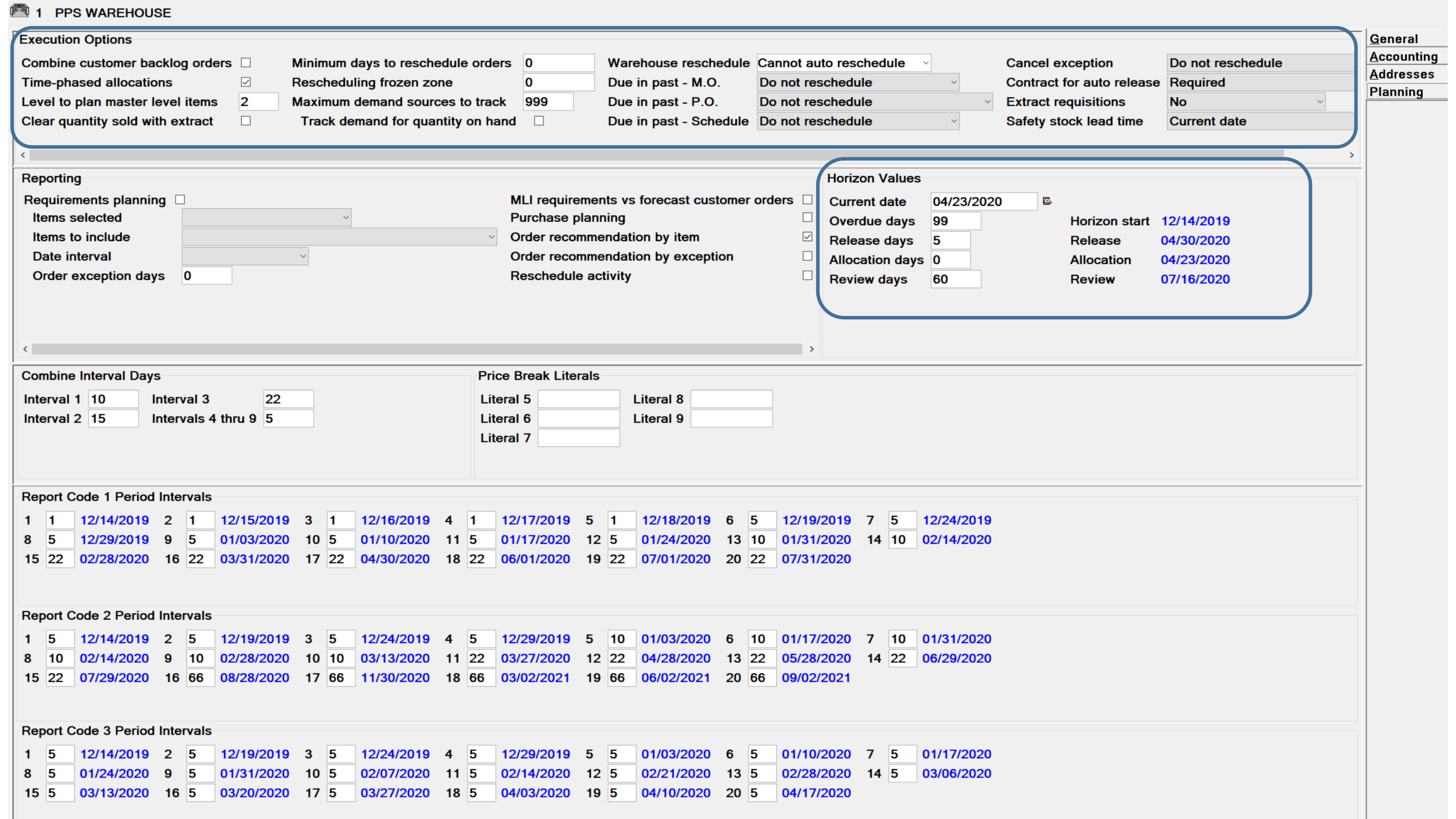
Material Planning

Warehouse Master

- Warehouse Master has a new ‘Planning’ card that replaces MRP menu choices from the ‘Planning Run Options’:
  - Planning Run Execution Options
    - Used by all 3 planning applications
  - Maintain Horizon values
    - Used by all 3 planning applications
  - Planning Run Report Options
    - Used by MRP
  - Maintain Period Intervals
    - Used by MRP
- Has Host Job to launch an MRP Planning Run



1 PPS WAREHOUSE

Execution Options

Combine customer backlog orders	☐	Minimum days to reschedule orders	0	Warehouse reschedule	Cannot auto reschedule	Cancel exception	Do not reschedule
Time-phased allocations	☑	Rescheduling frozen zone	0	Due in past - M.O.	Do not reschedule	Contract for auto release	Required
Level to plan master level items	2	Maximum demand sources to track	999	Due in past - P.O.	Do not reschedule	Extract requisitions	No
Clear quantity sold with extract	☐	Track demand for quantity on hand	☐	Due in past - Schedule	Do not reschedule	Safety stock lead time	Current date

Reporting

Requirements planning ☐
Items selected
Items to include
Date interval
Order exception days 0

MLI requirements vs forecast customer orders ☐
Purchase planning ☐
Order recommendation by item ☑
Order recommendation by exception ☐
Reschedule activity ☐

Horizon Values

Current date	04/23/2020		
Overdue days	99	Horizon start	12/14/2019
Release days	5	Release	04/30/2020
Allocation days	0	Allocation	04/23/2020
Review days	60	Review	07/16/2020

Combine Interval Days

Interval 1	10	Interval 3	22
Interval 2	15	Intervals 4 thru 9	5

Price Break Literals

Literal 5
Literal 6
Literal 7
Literal 8
Literal 9

Report Code 1 Period Intervals

1	1	12/14/2019	2	1	12/15/2019	3	1	12/16/2019	4	1	12/17/2019	5	1	12/18/2019	6	5	12/19/2019	7	5	12/24/2019
8	5	12/29/2019	9	5	01/03/2020	10	5	01/10/2020	11	5	01/17/2020	12	5	01/24/2020	13	10	01/31/2020	14	10	02/14/2020
15	22	02/28/2020	16	22	03/31/2020	17	22	04/30/2020	18	22	06/01/2020	19	22	07/01/2020	20	22	07/31/2020			

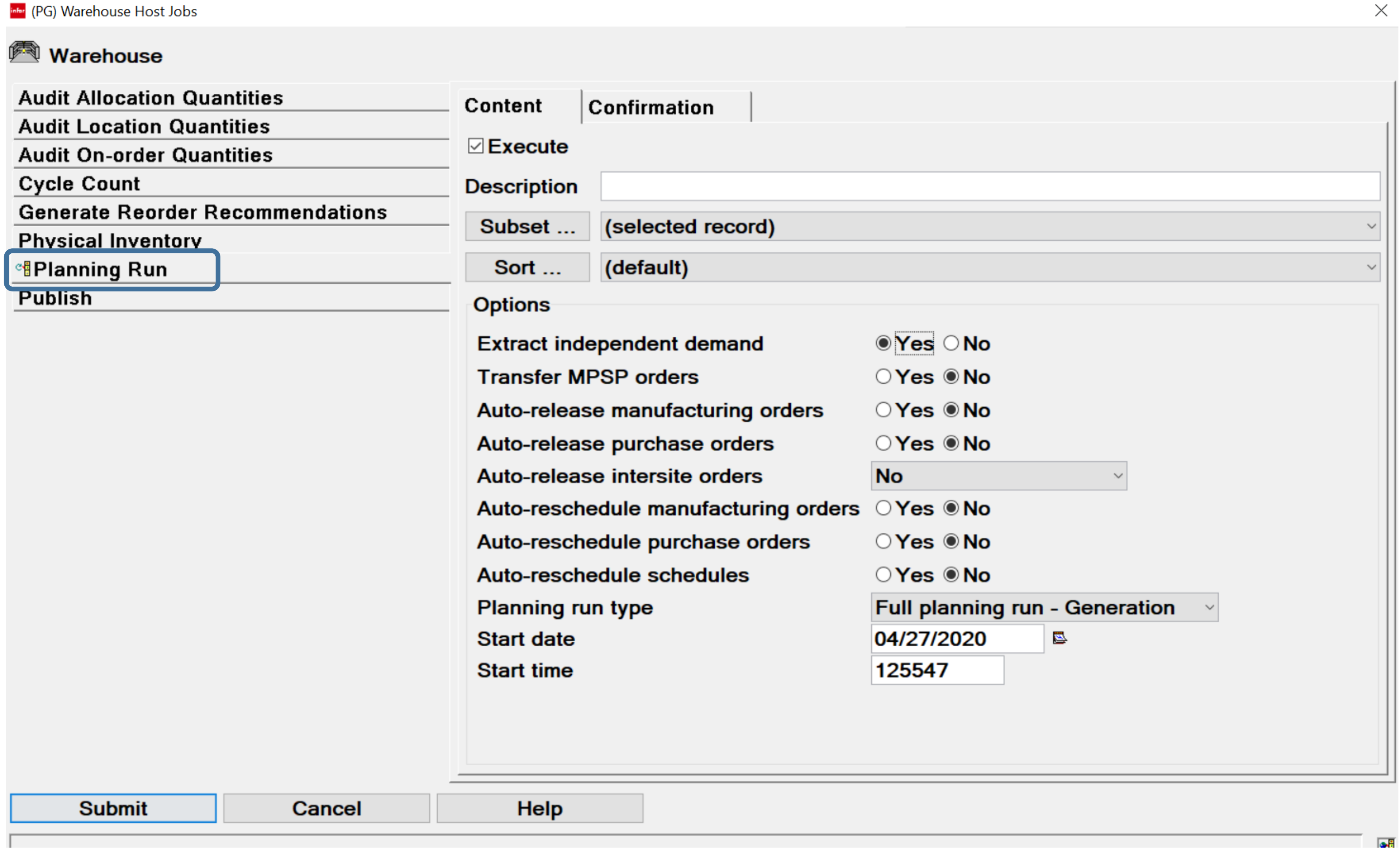
Report Code 2 Period Intervals

1	5	12/14/2019	2	5	12/19/2019	3	5	12/24/2019	4	5	12/29/2019	5	10	01/03/2020	6	10	01/17/2020	7	10	01/31/2020
8	10	02/14/2020	9	10	02/28/2020	10	10	03/13/2020	11	22	03/27/2020	12	22	04/28/2020	13	22	05/28/2020	14	22	06/29/2020
15	22	07/29/2020	16	66	08/28/2020	17	66	11/30/2020	18	66	03/02/2021	19	66	06/02/2021	20	66	09/02/2021			

Report Code 3 Period Intervals

1	5	12/14/2019	2	5	12/19/2019	3	5	12/24/2019	4	5	12/29/2019	5	5	01/03/2020	6	5	01/10/2020	7	5	01/17/2020
8	5	01/24/2020	9	5	01/31/2020	10	5	02/07/2020	11	5	02/14/2020	12	5	02/21/2020	13	5	02/28/2020	14	5	03/06/2020
15	5	03/13/2020	16	5	03/20/2020	17	5	03/27/2020	18	5	04/03/2020	19	5	04/10/2020	20	5	04/17/2020			

Warehouse Host Job to launch MRP run



(PG) Warehouse Host Jobs

Warehouse

Audit Allocation Quantities
Audit Location Quantities
Audit On-order Quantities
Cycle Count
Generate Reorder Recommendations
Physical Inventory
Planning Run
Publish
Content
Confirmation

☑ Execute

Description:

Subset ... (selected record)

Sort ... (default)

Options

Extract independent demand	● Yes ○ No
Transfer MPSP orders	○ Yes ● No
Auto-release manufacturing orders	○ Yes ● No
Auto-release purchase orders	○ Yes ● No
Auto-release intersite orders	No
Auto-reschedule manufacturing orders	○ Yes ● No
Auto-reschedule purchase orders	○ Yes ● No
Auto-reschedule schedules	○ Yes ● No
Planning run type	Full planning run - Generation
Start date	04/27/2020
Start time	125547

Submit
Cancel
Help

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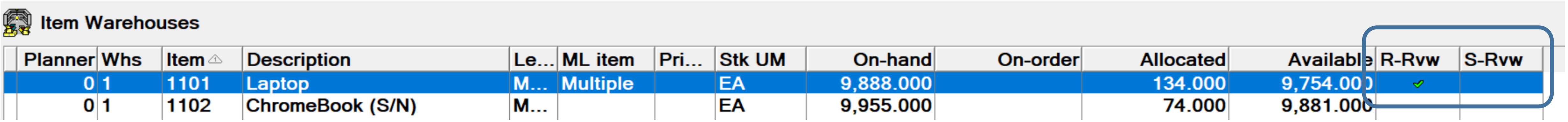
Item Warehouse Records

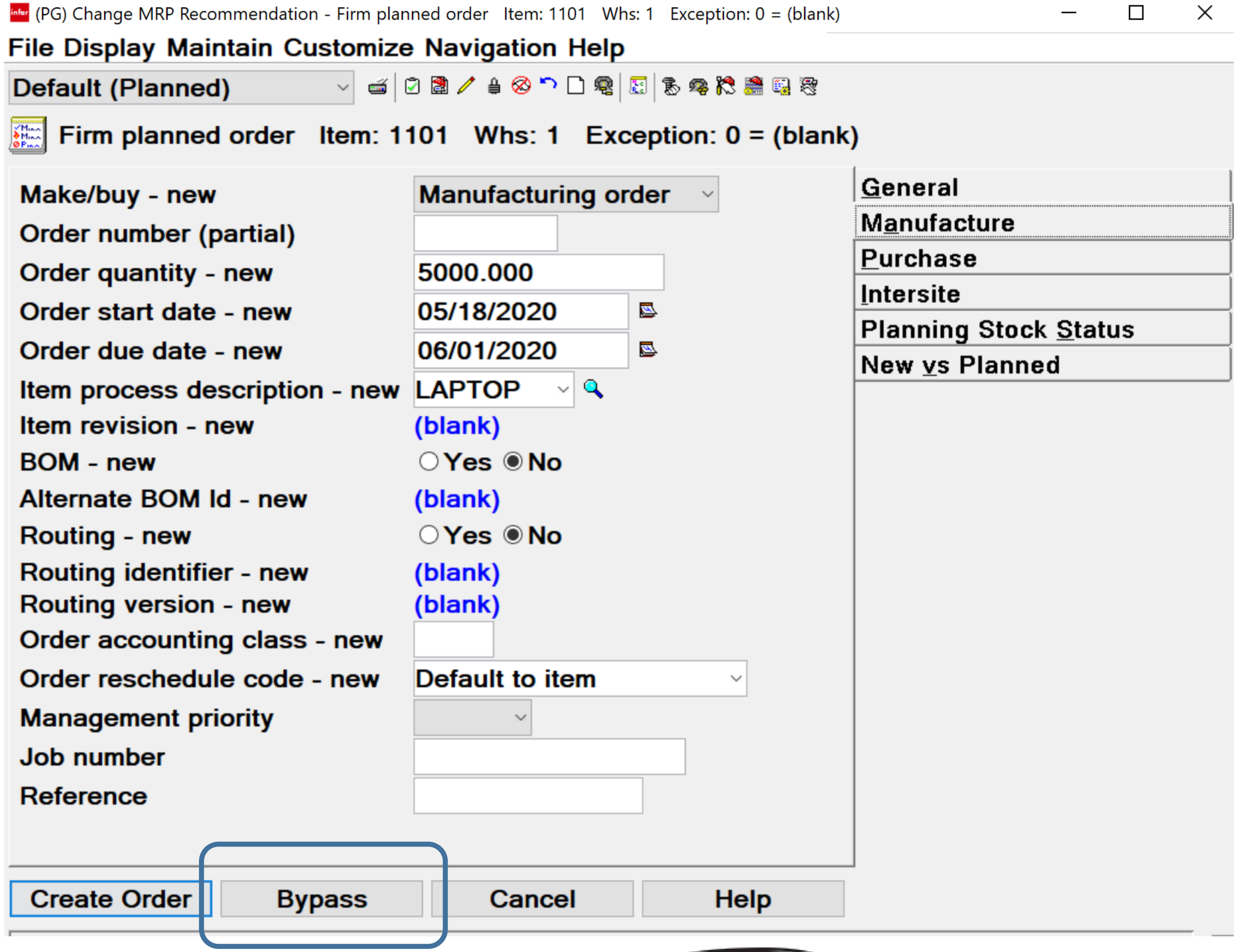
- A new view has been added to Item Warehouses called ‘Planning’
- It includes 2 new fields:
  - R-RVS – Recommendation Reviewed Show
  - S-RVS – (Master) Schedule Reviewed Show
- If, when working on the planned order from the ‘MRP Recommendations’ object, you click the ‘Bypass’ button, the column will show a check mark



Item Warehouses

Planner	Whs	Item	Description	Le...	ML item	Pri...	Stk UM	On-hand	On-order	Allocated	Available	R-Rvw	S-Rvw
0	1	1101	Laptop	M...	Multiple		EA	9,888.000		134.000	9,754.000	✓	
0	1	1102	ChromeBook (S/N)	M...			EA	9,955.000		74.000	9,881.000		

MRP Recommendation Card File



(PG) Change MRP Recommendation - Firm planned order Item: 1101 Whs: 1 Exception: 0 = (blank)
File Display Maintain Customize Navigation Help
Default (Planned)
General
Manufacture
Purchase
Intersite
Planning Stock Status
New vs Planned
Create Order
Bypass
Cancel
Help

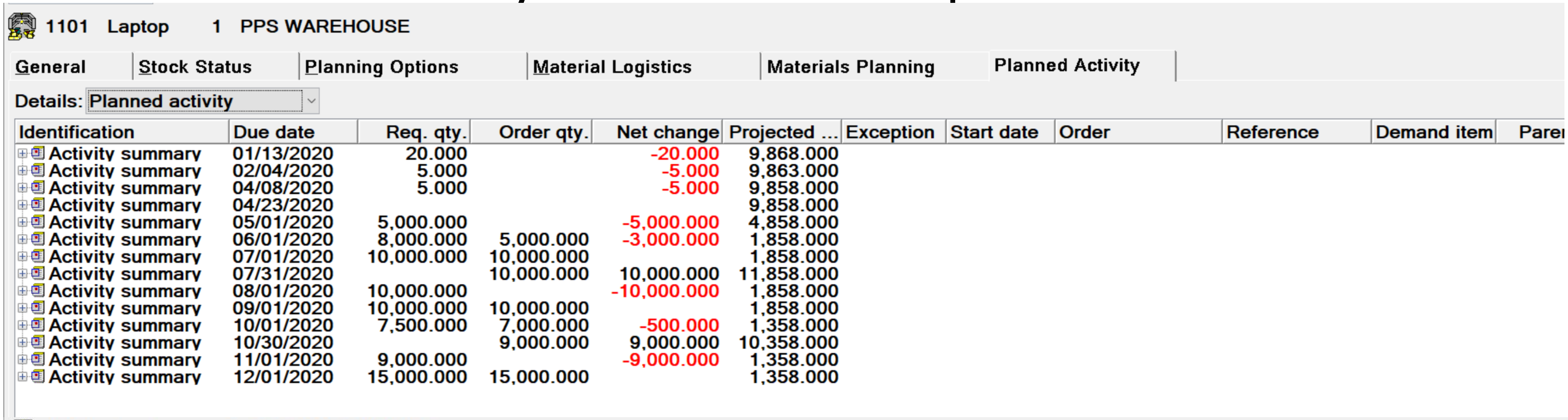
Firm planned order Item: 1101 Whs: 1 Exception: 0 = (blank)

Make/buy - new	Manufacturing order
Order number (partial)	
Order quantity - new	5000.000
Order start date - new	05/18/2020
Order due date - new	06/01/2020
Item process description - new	LAPTOP
Item revision - new	(blank)
BOM - new	○ Yes ● No
Alternate BOM Id - new	(blank)
Routing - new	○ Yes ● No
Routing identifier - new	(blank)
Routing version - new	(blank)
Order accounting class - new	
Order reschedule code - new	Default to item
Management priority	
Job number	
Reference	

Planned Activity Card

- Infor has created an overview card that shows the ‘Item Requirements Inquiry’ information plus additional:
  - Source of demand – top level requirement that created this requirement
  - For Customer Order requirements, the CO, Line Number and Customer Name
  - Net Change quantity
- If you’re used to working in Item Requirements Inquiry, it takes getting used to the card. At first look, it will appear ‘too busy’

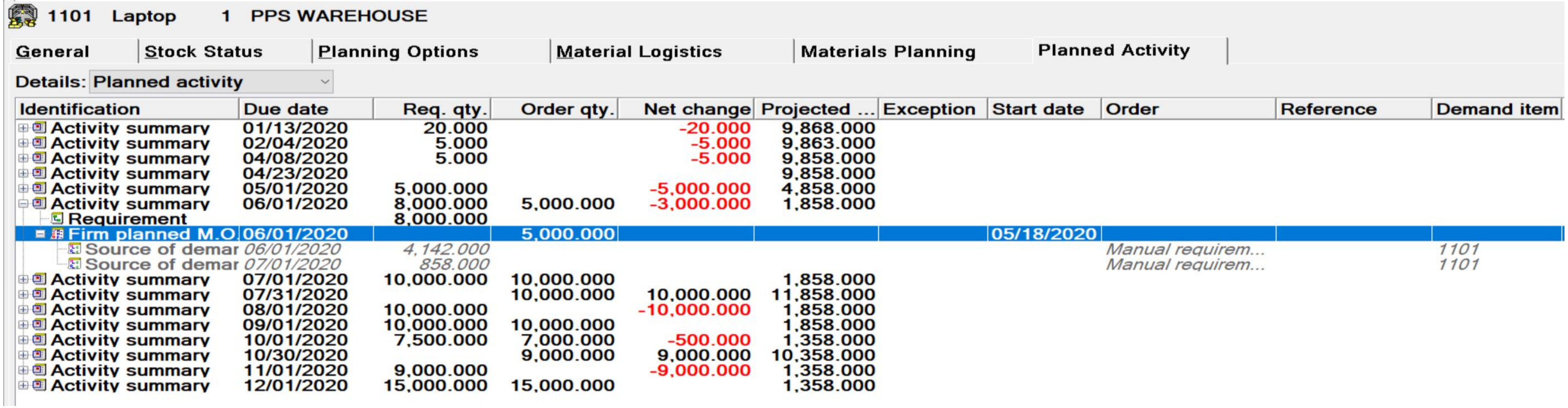
Planned Activity Card - Collapsed



1101 Laptop 1 PPS WAREHOUSE

Details: Planned activity

Identification	Due date	Req. qty.	Order qty.	Net change	Projected ...	Exception	Start date	Order	Reference	Demand item	Pare
Activity summary	01/13/2020	20.000		-20.000	9,868.000						
Activity summary	02/04/2020	5.000		-5.000	9,863.000						
Activity summary	04/08/2020	5.000		-5.000	9,858.000						
Activity summary	04/23/2020				9,858.000						
Activity summary	05/01/2020	5,000.000		-5,000.000	4,858.000						
Activity summary	06/01/2020	8,000.000	5,000.000	-3,000.000	1,858.000						
Activity summary	07/01/2020	10,000.000	10,000.000		1,858.000						
Activity summary	07/31/2020		10,000.000	10,000.000	11,858.000						
Activity summary	08/01/2020	10,000.000		-10,000.000	1,858.000						
Activity summary	09/01/2020	10,000.000	10,000.000		1,858.000						
Activity summary	10/01/2020	7,500.000	7,000.000	-500.000	1,358.000						
Activity summary	10/30/2020		9,000.000	9,000.000	10,358.000						
Activity summary	11/01/2020	9,000.000		-9,000.000	1,358.000						
Activity summary	12/01/2020	15,000.000	15,000.000		1,358.000						



1101 Laptop 1 PPS WAREHOUSE

Details: Planned activity

Identification	Due date	Req. qty.	Order qty.	Net change	Projected ...	Exception	Start date	Order	Reference	Demand item
Activity summary	01/13/2020	20.000		-20.000	9,868.000					
Activity summary	02/04/2020	5.000		-5.000	9,863.000					
Activity summary	04/08/2020	5.000		-5.000	9,858.000					
Activity summary	04/23/2020				9,858.000					
Activity summary	05/01/2020	5,000.000		-5,000.000	4,858.000					
Activity summary	06/01/2020	8,000.000	5,000.000	-3,000.000	1,858.000					
Requirement		8,000.000								
Firm planned M.O	06/01/2020		5,000.000				05/18/2020			
Source of demar	*06/01/2020*	*4,142.000*						*Manual requirem...*		*1101*
Source of demar	*07/01/2020*	*858.000*						*Manual requirem...*		*1101*
Activity summary	07/01/2020	10,000.000	10,000.000		1,858.000					
Activity summary	07/31/2020		10,000.000	10,000.000	11,858.000					
Activity summary	08/01/2020	10,000.000		-10,000.000	1,858.000					
Activity summary	09/01/2020	10,000.000	10,000.000		1,858.000					
Activity summary	10/01/2020	7,500.000	7,000.000	-500.000	1,358.000					
Activity summary	10/30/2020		9,000.000	9,000.000	10,358.000					
Activity summary	11/01/2020	9,000.000		-9,000.000	1,358.000					
Activity summary	12/01/2020	15,000.000	15,000.000		1,358.000					

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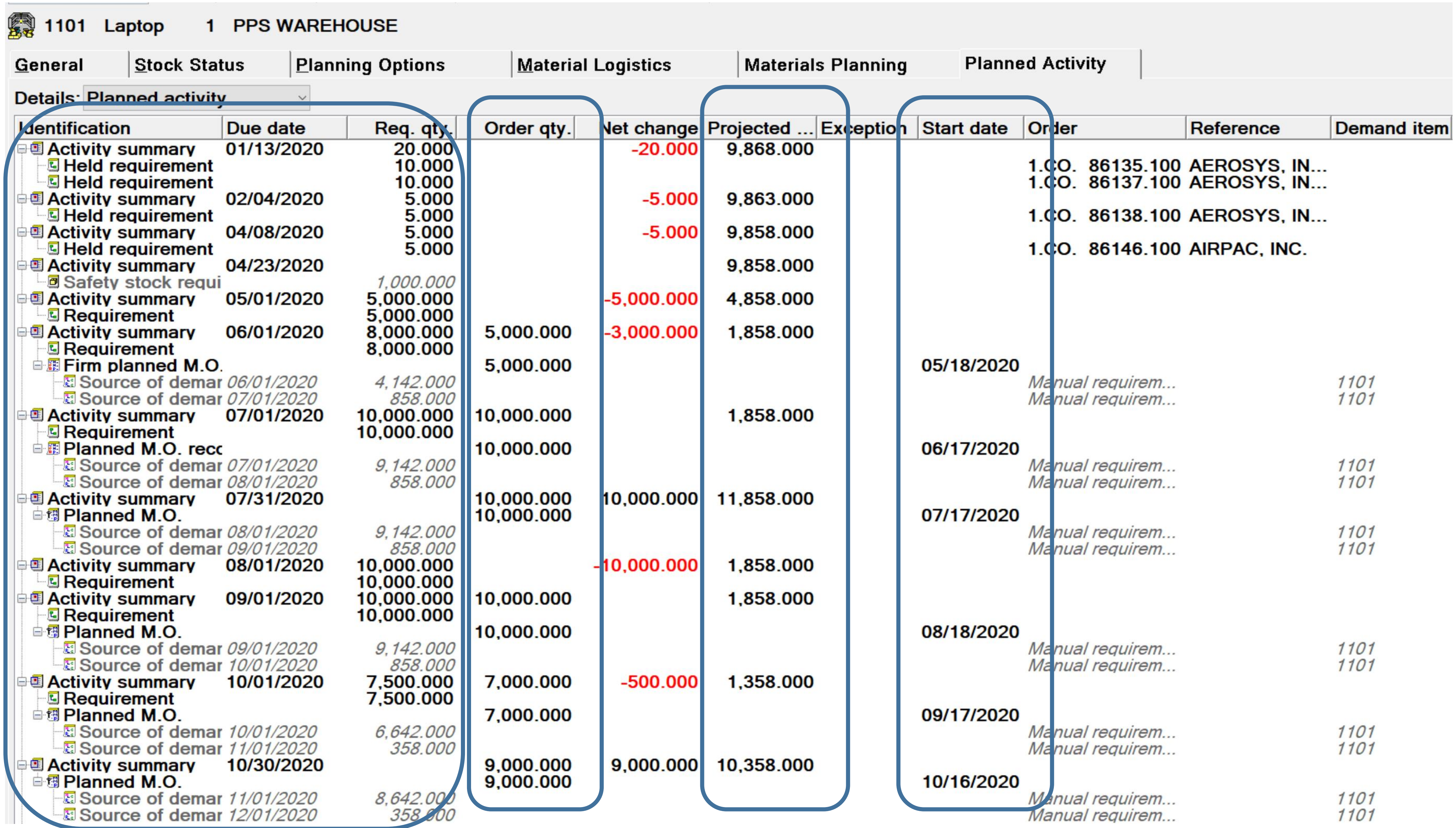
Planned Activity Card – Fully Expanded



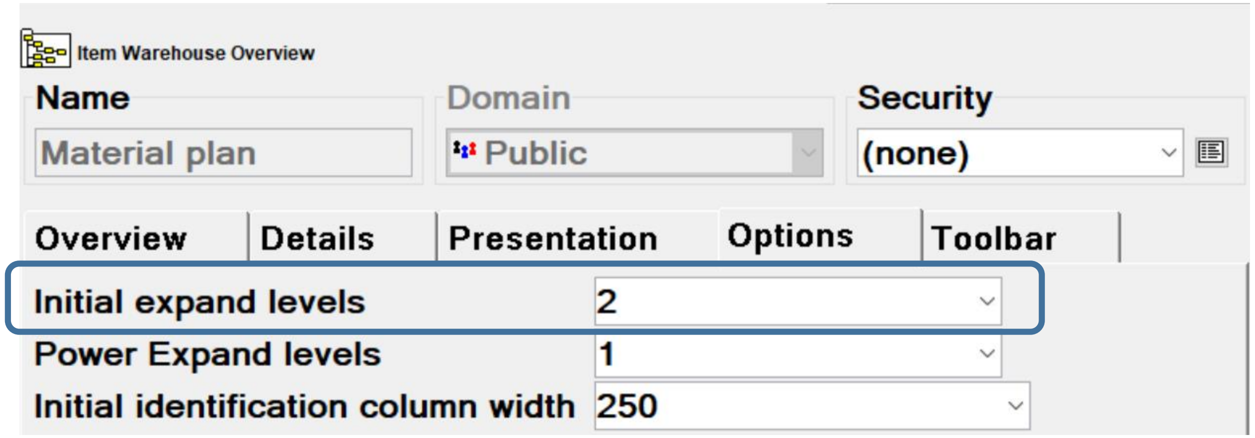
1101 Laptop 1 PPS WAREHOUSE

Details: Planned activity

Identification	Due date	Req. qty.	Order qty.	Net change	Projected ...	Exception	Start date	Order	Reference	Demand item
Activity summary	01/13/2020	20.000		-20.000	9,868.000					
Held requirement		10.000						1.CO. 86135.100	AEROSYS, IN...	
Held requirement		10.000						1.CO. 86137.100	AEROSYS, IN...	
Activity summary	02/04/2020	5.000		-5.000	9,863.000					
Held requirement		5.000						1.CO. 86138.100	AEROSYS, IN...	
Activity summary	04/08/2020	5.000		-5.000	9,858.000					
Held requirement		5.000						1.CO. 86146.100	AIRPAC, INC.	
Activity summary	04/23/2020				9,858.000					
Safety stock requi		1,000.000								
Activity summary	05/01/2020	5,000.000		-5,000.000	4,858.000					
Requirement		5,000.000								
Activity summary	06/01/2020	8,000.000	5,000.000	-3,000.000	1,858.000					
Requirement		8,000.000								
Firm planned M.O.			5,000.000				05/18/2020			
Source of demar	06/01/2020	4,142.000						Manual requirem...		1101
Source of demar	07/01/2020	858.000						Manual requirem...		1101
Activity summary	07/01/2020	10,000.000	10,000.000		1,858.000					
Requirement		10,000.000								
Planned M.O. recc			10,000.000				06/17/2020			
Source of demar	07/01/2020	9,142.000						Manual requirem...		1101
Source of demar	08/01/2020	858.000						Manual requirem...		1101
Activity summary	07/31/2020		10,000.000	10,000.000	11,858.000					
Planned M.O.			10,000.000				07/17/2020			
Source of demar	08/01/2020	9,142.000						Manual requirem...		1101
Source of demar	09/01/2020	858.000						Manual requirem...		1101
Activity summary	08/01/2020	10,000.000		-10,000.000	1,858.000					
Requirement		10,000.000								
Activity summary	09/01/2020	10,000.000	10,000.000		1,858.000					
Requirement		10,000.000								
Planned M.O.			10,000.000				08/18/2020			
Source of demar	09/01/2020	9,142.000						Manual requirem...		1101
Source of demar	10/01/2020	858.000						Manual requirem...		1101
Activity summary	10/01/2020	7,500.000	7,000.000	-500.000	1,358.000					
Requirement		7,500.000								
Planned M.O.			7,000.000				09/17/2020			
Source of demar	10/01/2020	6,642.000						Manual requirem...		1101
Source of demar	11/01/2020	358.000						Manual requirem...		1101
Activity summary	10/30/2020		9,000.000	9,000.000	10,358.000					
Planned M.O.			9,000.000				10/16/2020			
Source of demar	11/01/2020	8,642.000						Manual requirem...		1101
Source of demar	12/01/2020	358.000						Manual requirem...		1101

Change Number of Levels Expanded

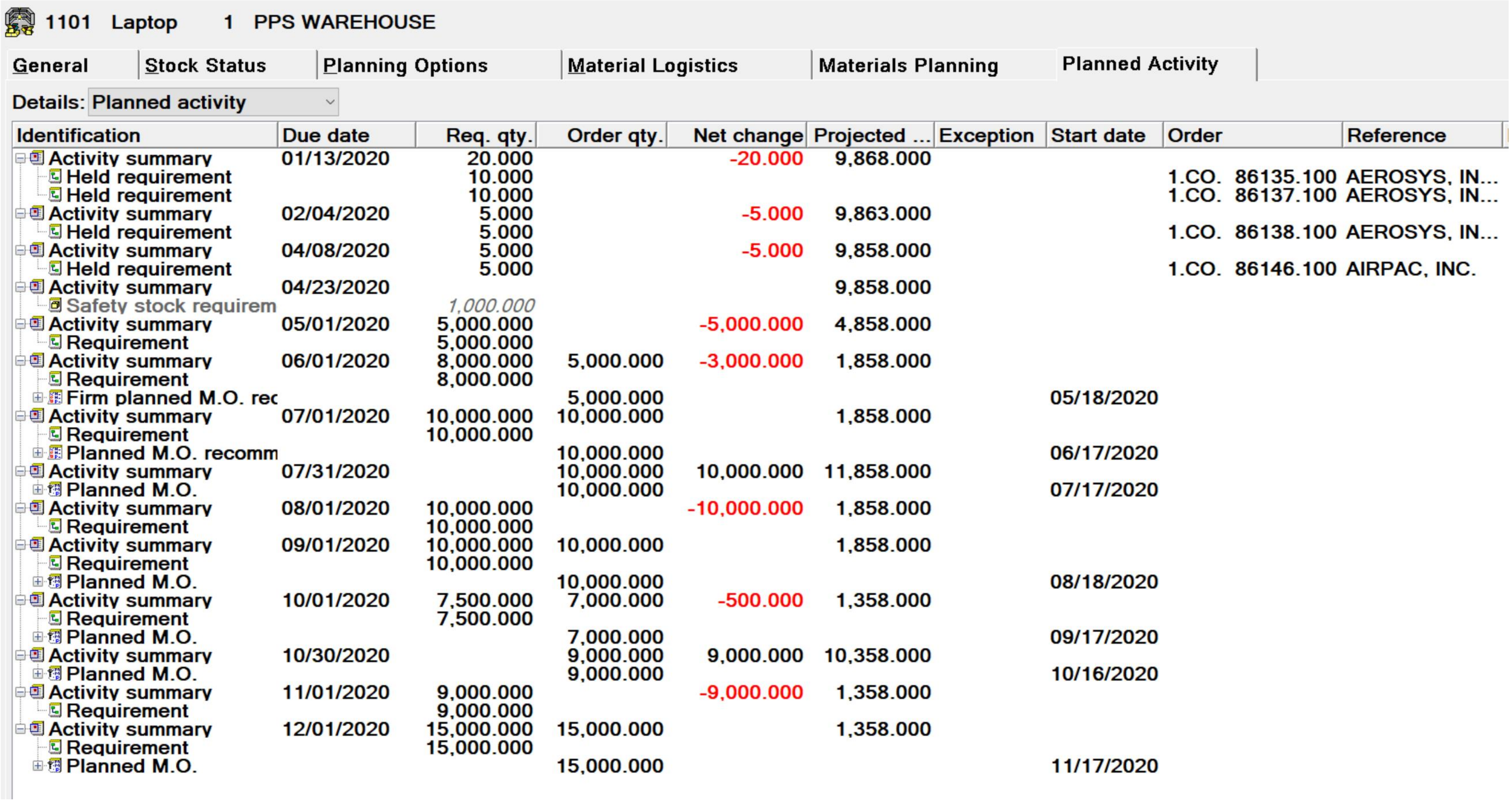
- To change the amount of detail shown on the card:
  - Click on ‘Customize’ the ‘Cards’
  - Select the Planned Activity Card then the Change button ✎
  - The Overview card will be displayed, click on the Change button to the right of ‘Overview Material Plan’
  - Click on the ‘Options’ tab
    - Set ‘Initial Expand’ to 2 to see the requirements in detail
    - Source of Demand will only show if you click on the + to the left of the Order/Planned Order


Item Warehouse Overview
Overview
Details
Presentation
Options
Toolbar

Name: Material plan
Domain: Public
Security: (none)

Initial expand levels: 2
Power Expand levels: 1
Initial identification column width: 250

Planned Activity – 2 Levels Open



1101 Laptop 1 PPS WAREHOUSE

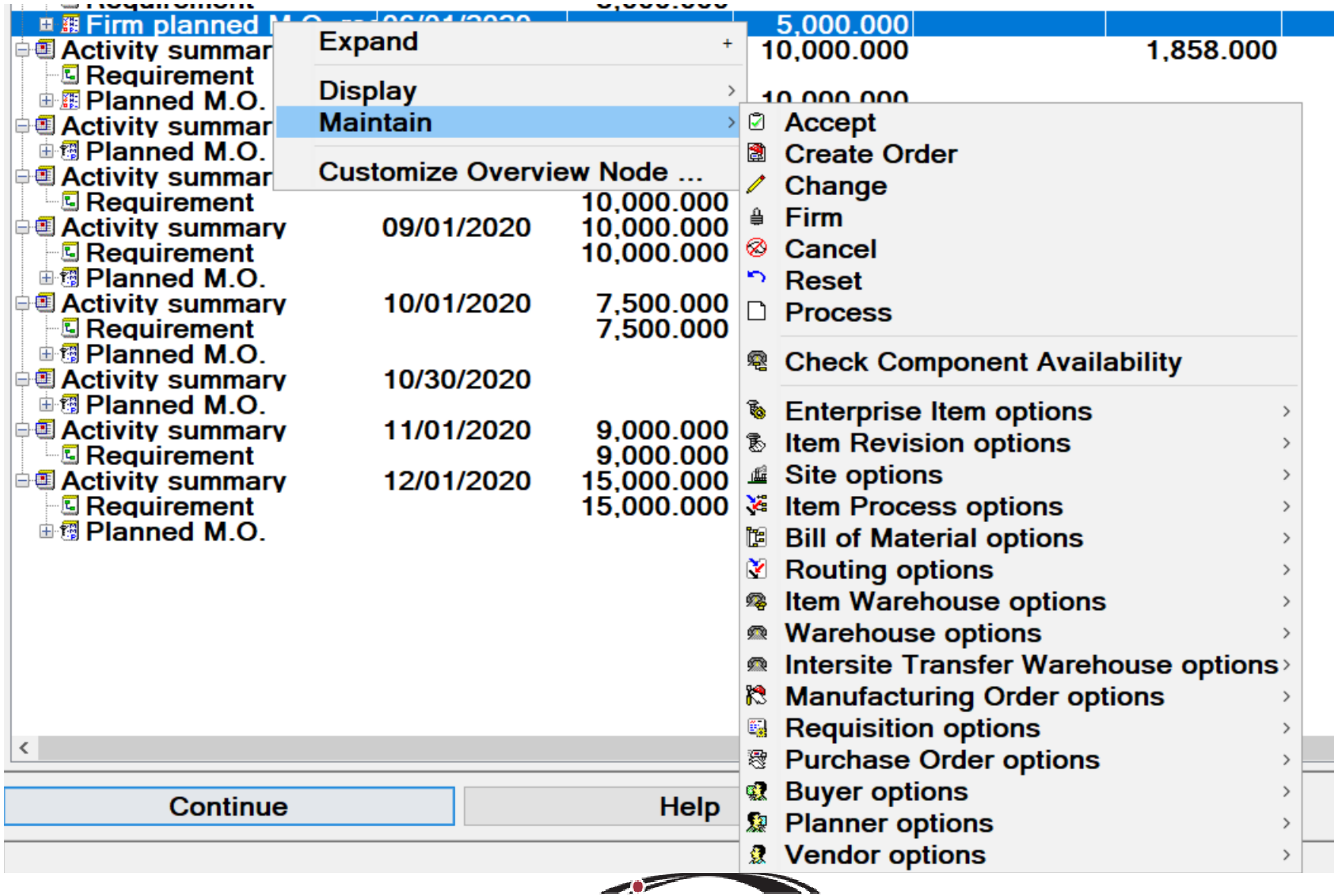
Details: Planned activity

Identification	Due date	Req. qty.	Order qty.	Net change	Projected ...	Exception	Start date	Order	Reference
⊟ Activity summary	01/13/2020	20.000		-20.000	9,868.000				
Held requirement		10.000						1.CO. 86135.100	AEROSYS, IN...
Held requirement		10.000						1.CO. 86137.100	AEROSYS, IN...
⊟ Activity summary	02/04/2020	5.000		-5.000	9,863.000				
Held requirement		5.000						1.CO. 86138.100	AEROSYS, IN...
⊟ Activity summary	04/08/2020	5.000		-5.000	9,858.000				
Held requirement		5.000						1.CO. 86146.100	AIRPAC, INC.
⊟ Activity summary	04/23/2020				9,858.000				
Safety stock requirem		*1,000.000*							
⊟ Activity summary	05/01/2020	5,000.000		-5,000.000	4,858.000				
Requirement		5,000.000							
⊟ Activity summary	06/01/2020	8,000.000	5,000.000	-3,000.000	1,858.000				
Requirement		8,000.000							
⊞ Firm planned M.O. rec			5,000.000				05/18/2020		
⊟ Activity summary	07/01/2020	10,000.000	10,000.000		1,858.000				
Requirement		10,000.000							
⊞ Planned M.O. recomm			10,000.000				06/17/2020		
⊟ Activity summary	07/31/2020		10,000.000	10,000.000	11,858.000				
⊞ Planned M.O.			10,000.000				07/17/2020		
⊟ Activity summary	08/01/2020	10,000.000		-10,000.000	1,858.000				
Requirement		10,000.000							
⊟ Activity summary	09/01/2020	10,000.000	10,000.000		1,858.000				
Requirement		10,000.000							
⊞ Planned M.O.			10,000.000				08/18/2020		
⊟ Activity summary	10/01/2020	7,500.000	7,000.000	-500.000	1,358.000				
Requirement		7,500.000							
⊞ Planned M.O.			7,000.000				09/17/2020		
⊟ Activity summary	10/30/2020		9,000.000	9,000.000	10,358.000				
⊞ Planned M.O.			9,000.000				10/16/2020		
⊟ Activity summary	11/01/2020	9,000.000		-9,000.000	1,358.000				
Requirement		9,000.000							
⊟ Activity summary	12/01/2020	15,000.000	15,000.000		1,358.000				
Requirement		15,000.000							
⊞ Planned M.O.			15,000.000				11/17/2020		

Releasing/Updating Orders from Planned Activity

- You can select an order by single clicking on it from the Planned Activity Card then a right click to bring up the ‘Maintain’ Menu
- This is not an option in ‘Item Requirements Inquiry’ which, in my opinion, makes this a much more powerful tool
- Maintenance options to
  - Create an order from a planned order
  - Firm plan an order
  - Accept an expedite or defer message and update the MO/PO/Schedule with the new date
  - Check Component Availability for M-Plan orders

Releasing/Updating Orders from Planned Activity



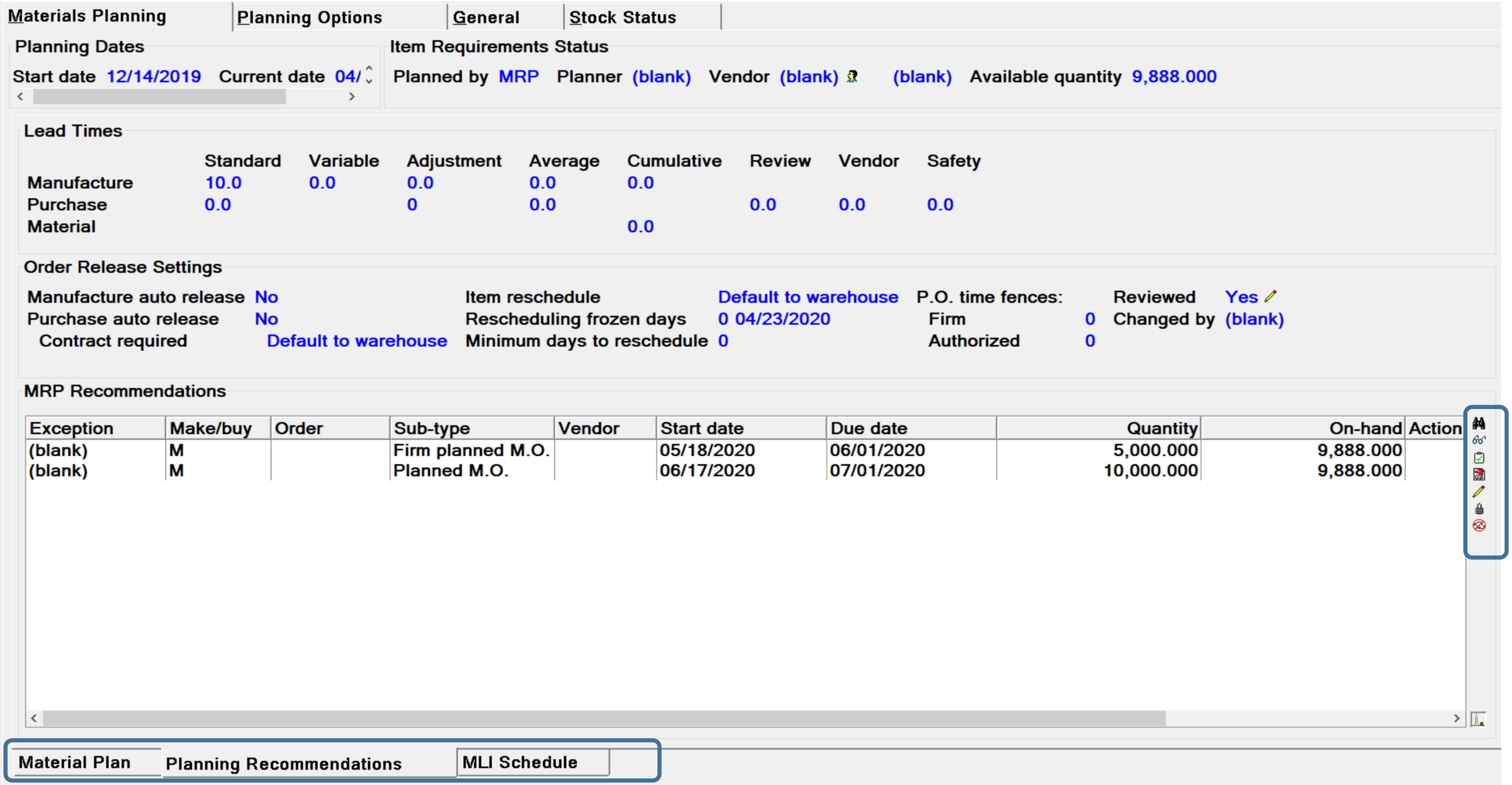
```
Firm planned M.O.                              5,000.000
Activity summar                               10,000.000          1,858.000
   Requirement
   Planned M.O.                               10,000.000
Activity summar
   Planned M.O.
Activity summar
   Requirement                    10,000.000
Activity summary    09/01/2020    10,000.000
   Requirement                    10,000.000
   Planned M.O.
Activity summary    10/01/2020     7,500.000
   Requirement                     7,500.000
   Planned M.O.
Activity summary    10/30/2020
   Planned M.O.
Activity summary    11/01/2020     9,000.000
   Requirement                     9,000.000
Activity summary    12/01/2020    15,000.000
   Requirement                    15,000.000
   Planned M.O.
```

Expand
Display
Maintain
Customize Overview Node ...
Accept
Create Order
Change
Firm
Cancel
Reset
Process
Check Component Availability
Enterprise Item options
Item Revision options
Site options
Item Process options
Bill of Material options
Routing options
Item Warehouse options
Warehouse options
Intersite Transfer Warehouse options
Manufacturing Order options
Requisition options
Purchase Order options
Buyer options
Planner options
Vendor options
Continue
Help

Other Cards

- Infor created a new card file called ‘Planning’ which contains other new cards:
  - Material Plan – holds the Planned Activity card
  - Planning Recommendations – holds the MRP recommendations for the item along with informational fields
  - MLI Schedule – equivalent of the ‘MLI vs. Forecast/Orders’ screen in green screen

Planning Recommendations


Materials Planning
Planning Options
General
Stock Status
Material Plan
Planning Recommendations
MLI Schedule

Planning Dates

Start date 12/14/2019 Current date 04/

Item Requirements Status

Planned by MRP Planner (blank) Vendor (blank) (blank) Available quantity 9,888.000

Lead Times

	Standard	Variable	Adjustment	Average	Cumulative	Review	Vendor	Safety
Manufacture	10.0	0.0	0.0	0.0	0.0			
Purchase	0.0		0	0.0		0.0	0.0	0.0
Material					0.0			

Order Release Settings

Manufacture auto release No
Purchase auto release No
Contract required Default to warehouse
Item reschedule Default to warehouse
Rescheduling frozen days 0 04/23/2020
Minimum days to reschedule 0
P.O. time fences:
Firm 0
Authorized 0
Reviewed Yes
Changed by (blank)

MRP Recommendations

Exception	Make/buy	Order	Sub-type	Vendor	Start date	Due date	Quantity	On-hand	Action
(blank)	M		Firm planned M.O.		05/18/2020	06/01/2020	5,000.000	9,888.000	
(blank)	M		Planned M.O.		06/17/2020	07/01/2020	10,000.000	9,888.000	

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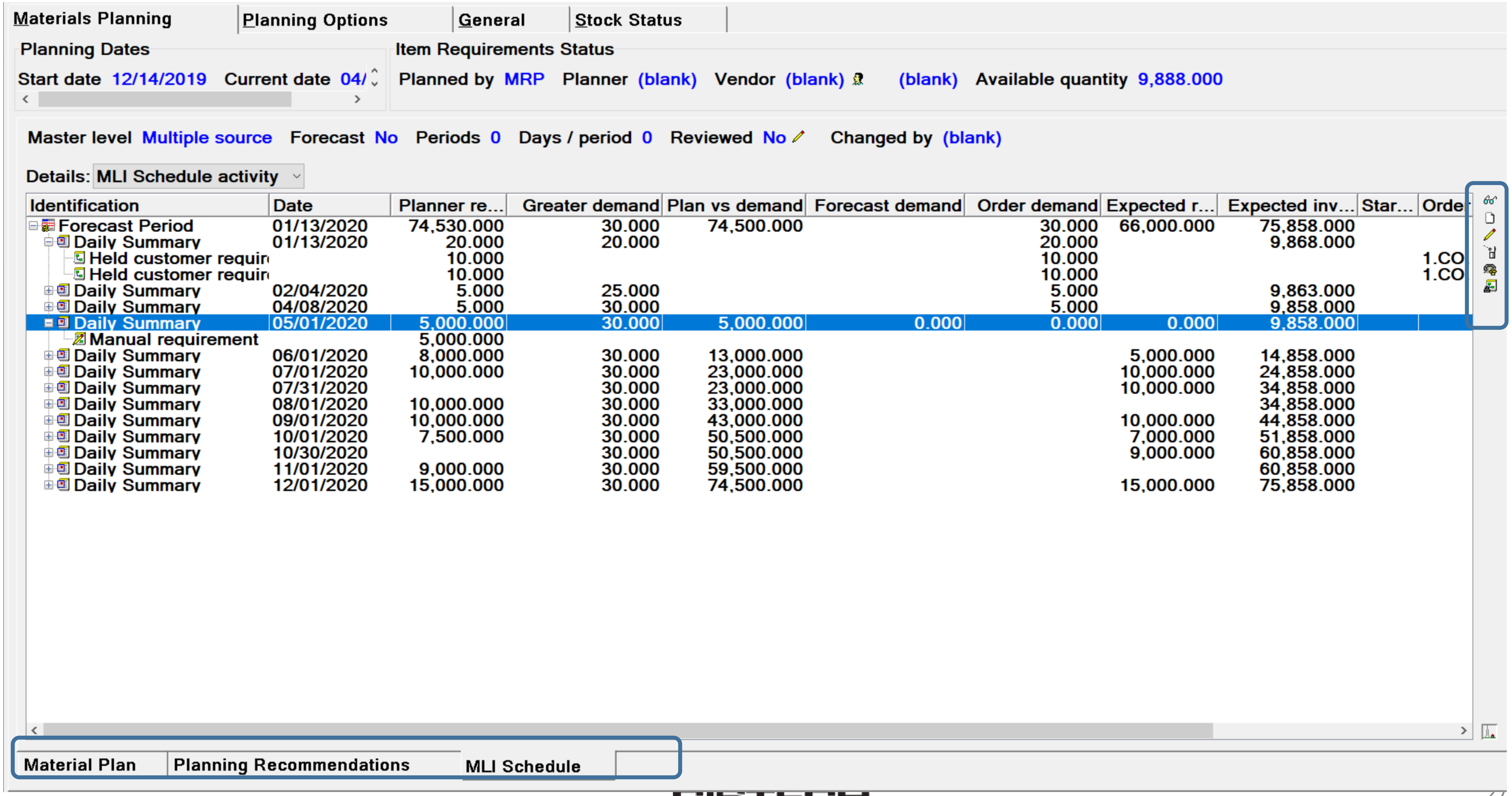
MLI Schedule



Planning Dates

Start date 12/14/2019 Current date 04/

Item Requirements Status

Planned by MRP Planner (blank) Vendor (blank) (blank) Available quantity 9,888.000

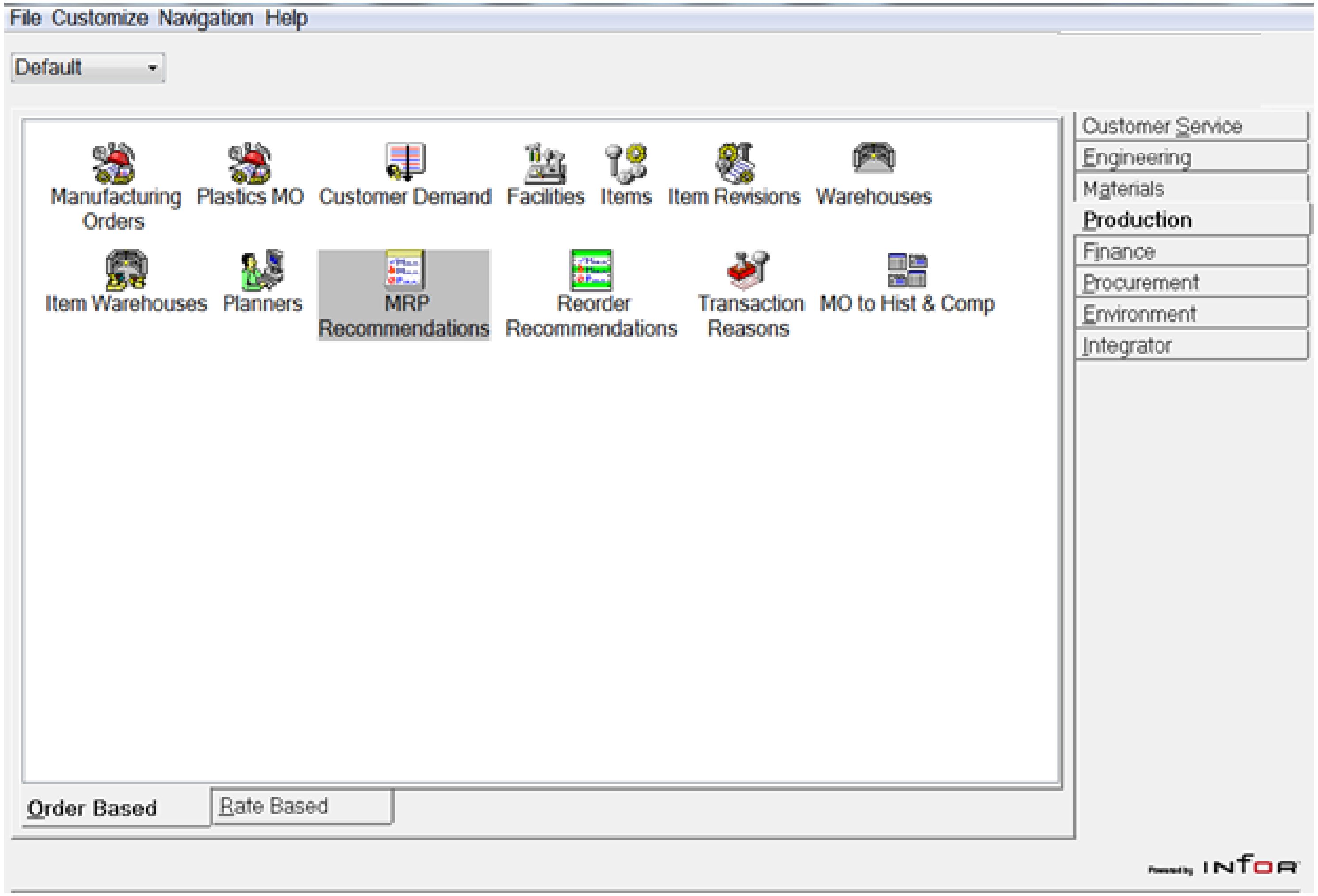
Master level Multiple source Forecast No Periods 0 Days / period 0 Reviewed No Changed by (blank)

Details: MLI Schedule activity

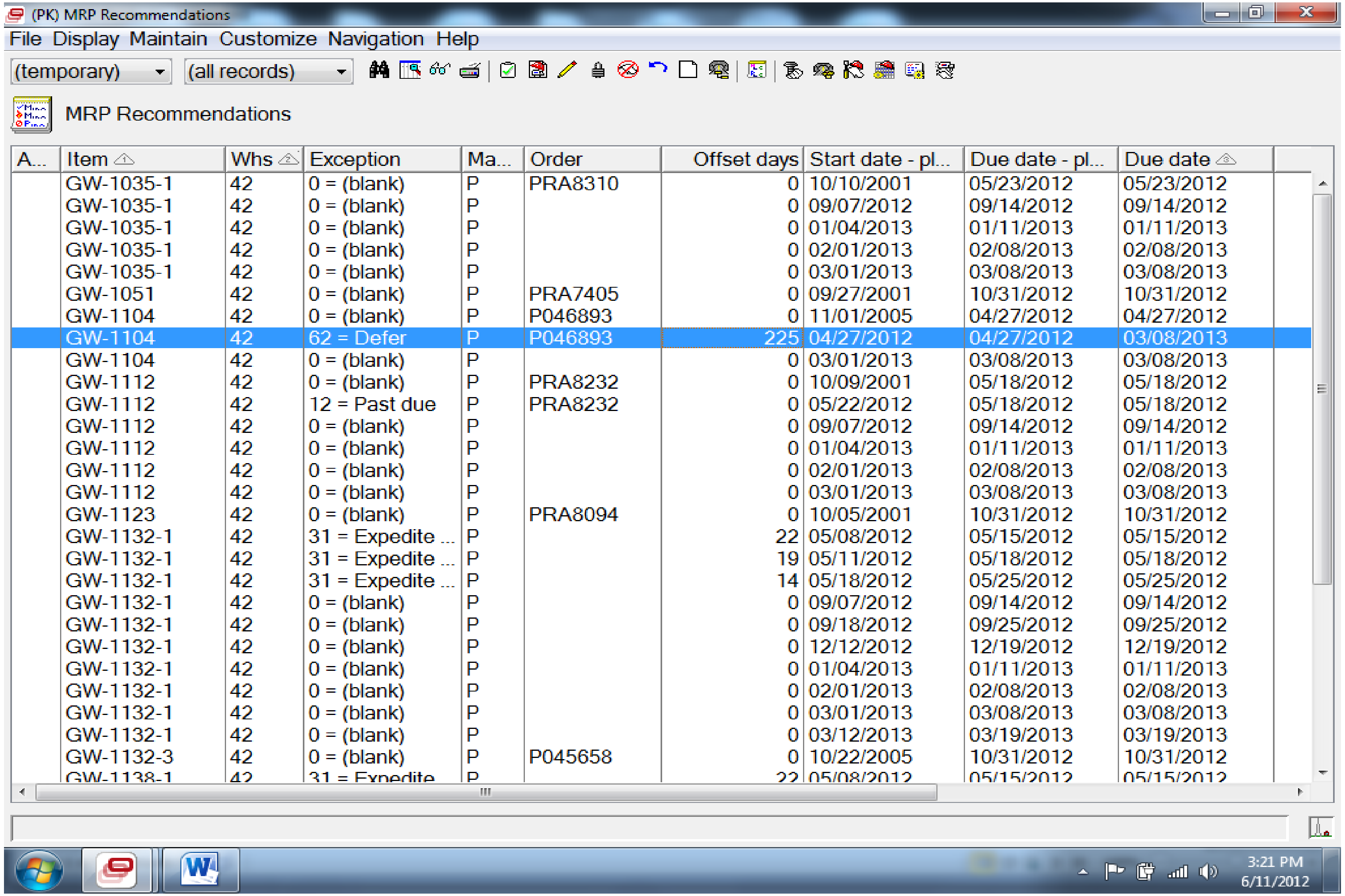
Identification	Date	Planner re...	Greater demand	Plan vs demand	Forecast demand	Order demand	Expected r...	Expected inv...	Star...	Orde
Forecast Period	01/13/2020	74,530.000	30.000	74,500.000		30.000	66,000.000	75,858.000		
Daily Summary	01/13/2020	20.000	20.000			20.000		9,868.000		
Held customer requir		10.000				10.000				1.CO
Held customer requir		10.000				10.000				1.CO
Daily Summary	02/04/2020	5.000	25.000			5.000		9,863.000		
Daily Summary	04/08/2020	5.000	30.000			5.000		9,858.000		
Daily Summary	05/01/2020	5,000.000	30.000	5,000.000	0.000	0.000	0.000	9,858.000		
Manual requirement		5,000.000								
Daily Summary	06/01/2020	8,000.000	30.000	13,000.000			5,000.000	14,858.000		
Daily Summary	07/01/2020	10,000.000	30.000	23,000.000			10,000.000	24,858.000		
Daily Summary	07/31/2020		30.000	23,000.000			10,000.000	34,858.000		
Daily Summary	08/01/2020	10,000.000	30.000	33,000.000				34,858.000		
Daily Summary	09/01/2020	10,000.000	30.000	43,000.000			10,000.000	44,858.000		
Daily Summary	10/01/2020	7,500.000	30.000	50,500.000			7,000.000	51,858.000		
Daily Summary	10/30/2020		30.000	50,500.000			9,000.000	60,858.000		
Daily Summary	11/01/2020	9,000.000	30.000	59,500.000				60,858.000		
Daily Summary	12/01/2020	15,000.000	30.000	74,500.000			15,000.000	75,858.000		

Creating Orders in PowerLink

- From the ‘Production’ tab, select the ‘MRP Recommendations’ object to view MRP Planned orders and existing MO’s, PO’s, ISL and/or Schedules
- Planned orders can come from MRP, VPI or Thru Put


File Customize Navigation Help
Default
Manufacturing Orders
Plastics MO
Customer Demand
Facilities
Items
Item Revisions
Warehouses
Item Warehouses
Planners
MRP Recommendations
Reorder Recommendations
Transaction Reasons
MO to Hist & Comp
Customer Service
Engineering
Materials
Production
Finance
Procurement
Environment
Integrator
Order Based
Rate Based
Powered by INFOR

MRP Recommendations



(temporary) (all records)

A...	Item	Whs	Exception	Ma...	Order	Offset days	Start date - pl...	Due date - pl...	Due date
	GW-1035-1	42	0 = (blank)	P	PRA8310	0	10/10/2001	05/23/2012	05/23/2012
	GW-1035-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1035-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1035-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1035-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1051	42	0 = (blank)	P	PRA7405	0	09/27/2001	10/31/2012	10/31/2012
	GW-1104	42	0 = (blank)	P	P046893	0	11/01/2005	04/27/2012	04/27/2012
	GW-1104	42	62 = Defer	P	P046893	225	04/27/2012	04/27/2012	03/08/2013
	GW-1104	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1112	42	0 = (blank)	P	PRA8232	0	10/09/2001	05/18/2012	05/18/2012
	GW-1112	42	12 = Past due	P	PRA8232	0	05/22/2012	05/18/2012	05/18/2012
	GW-1112	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1112	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1112	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1112	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1123	42	0 = (blank)	P	PRA8094	0	10/05/2001	10/31/2012	10/31/2012
	GW-1132-1	42	31 = Expedite ...	P		22	05/08/2012	05/15/2012	05/15/2012
	GW-1132-1	42	31 = Expedite ...	P		19	05/11/2012	05/18/2012	05/18/2012
	GW-1132-1	42	31 = Expedite ...	P		14	05/18/2012	05/25/2012	05/25/2012
	GW-1132-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1132-1	42	0 = (blank)	P		0	09/18/2012	09/25/2012	09/25/2012
	GW-1132-1	42	0 = (blank)	P		0	12/12/2012	12/19/2012	12/19/2012
	GW-1132-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1132-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/12/2013	03/19/2013	03/19/2013
	GW-1132-3	42	0 = (blank)	P	P045658	0	10/22/2005	10/31/2012	10/31/2012
	GW-1138-1	42	31 = Expedite	P		22	05/08/2012	05/15/2012	05/15/2012

3:21 PM
6/11/2012

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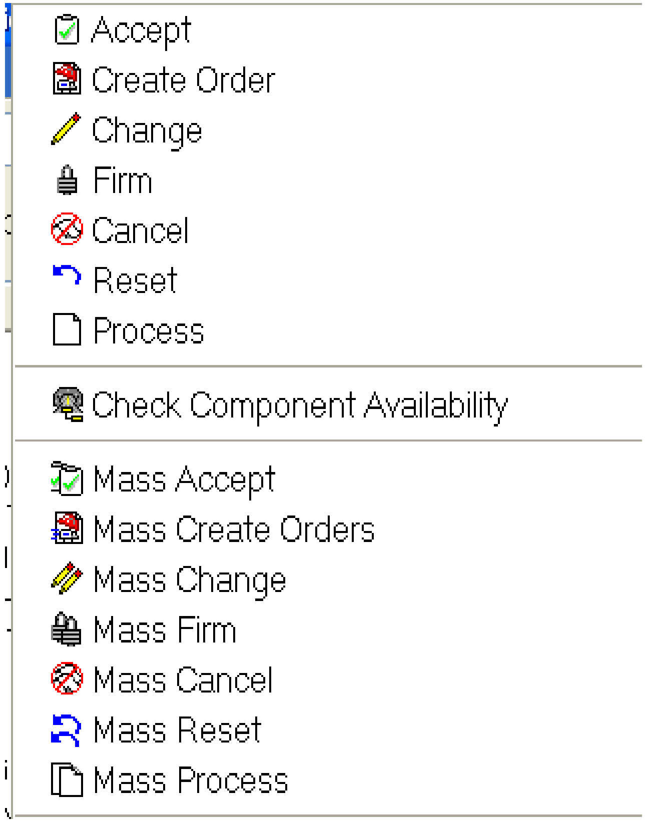
Tool Bar Options


Accept
Create Order
Change
Firm
Cancel
Reset
Process
Check Component Availability
Mass Accept
Mass Create Orders
Mass Change
Mass Firm
Mass Cancel
Mass Reset
Mass Process

- Accept – for Expedite & Defer, accept recommended date
- Create Order – for 31, 51 and 0, create order
- Change an existing order
- Change a planned order to a firm planned order
- Cancel an order – 72
- Reset (reverse a previous action; not using immediate processing)
- Process – If ‘Immediate Processing’ is not selected in preferences, you must run ‘Process’ to have your actions executed
- Check Component Availability – for make items, check the component quantity required vs on hand to determine if there is enough inventory to manufacture the item

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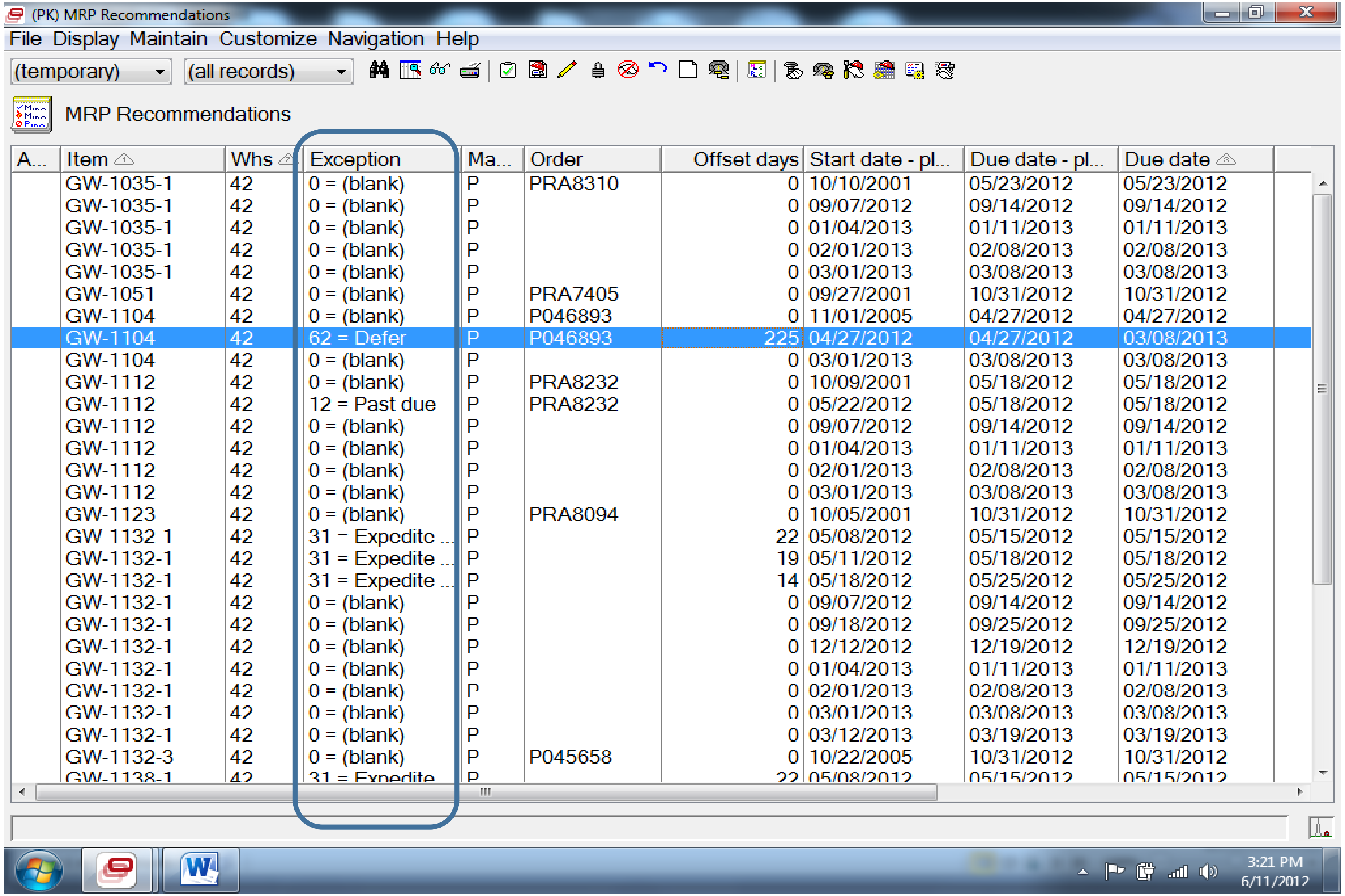
Exceptions

- *0 Blank* – MRP planned order with no recommendation but within the Review Horizon
- *11-24 Past Due* – due date is earlier than MRP Current date
- *31 Expedite & Release* – MRP planned order where order start date is earlier than MRP current date
- *33 Expedite Existing Order* – bring in order earlier than Due Date; total time is less than lead time
- *42 Reschedule Existing Order*- bring in order earlier than Due date; total time is within lead time

Recommendations

- *51 Release* – order start date is within the ‘Release’ date as defined in MRP horizons
- *62 Defer* – push the order due date out
- *72 Cancel* – cancel the order since the total requirements are less than order quantity
- Field to add when creating the view is ‘Exception Status’
  - Can specify to display:
    - Value – number
    - Alias – description
    - Both value and alias

MRP Recommendations



A...	Item	Whs	Exception	Ma...	Order	Offset days	Start date - pl...	Due date - pl...	Due date
	GW-1035-1	42	0 = (blank)	P	PRA8310	0	10/10/2001	05/23/2012	05/23/2012
	GW-1035-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1035-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1035-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1035-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1051	42	0 = (blank)	P	PRA7405	0	09/27/2001	10/31/2012	10/31/2012
	GW-1104	42	0 = (blank)	P	P046893	0	11/01/2005	04/27/2012	04/27/2012
	GW-1104	42	62 = Defer	P	P046893	225	04/27/2012	04/27/2012	03/08/2013
	GW-1104	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1112	42	0 = (blank)	P	PRA8232	0	10/09/2001	05/18/2012	05/18/2012
	GW-1112	42	12 = Past due	P	PRA8232	0	05/22/2012	05/18/2012	05/18/2012
	GW-1112	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1112	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1112	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1112	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1123	42	0 = (blank)	P	PRA8094	0	10/05/2001	10/31/2012	10/31/2012
	GW-1132-1	42	31 = Expedite ...	P		22	05/08/2012	05/15/2012	05/15/2012
	GW-1132-1	42	31 = Expedite ...	P		19	05/11/2012	05/18/2012	05/18/2012
	GW-1132-1	42	31 = Expedite ...	P		14	05/18/2012	05/25/2012	05/25/2012
	GW-1132-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1132-1	42	0 = (blank)	P		0	09/18/2012	09/25/2012	09/25/2012
	GW-1132-1	42	0 = (blank)	P		0	12/12/2012	12/19/2012	12/19/2012
	GW-1132-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1132-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/12/2013	03/19/2013	03/19/2013
	GW-1132-3	42	0 = (blank)	P	P045658	0	10/22/2005	10/31/2012	10/31/2012
	GW-1138-1	42	31 = Expedite	P		22	05/08/2012	05/15/2012	05/15/2012

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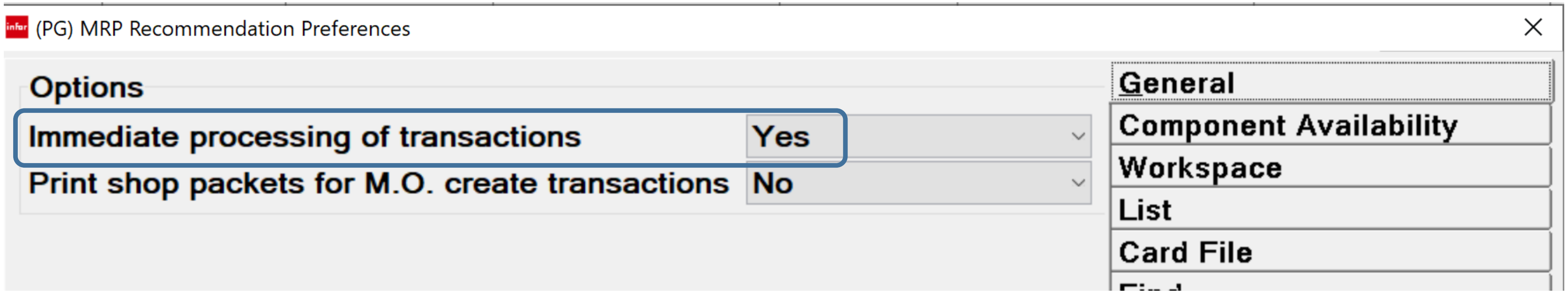
MRP Recommendation Preferences

- Immediate Processing
  - Creates/changes orders when ‘Update’ is selected
  - If Immediate Processing is not selected then, after taking actions, you must run ‘Process’ to update orders
- Component Availability Check
  - Sets threshold for warning message based on the number of planned orders selected for component availability check

Preferences



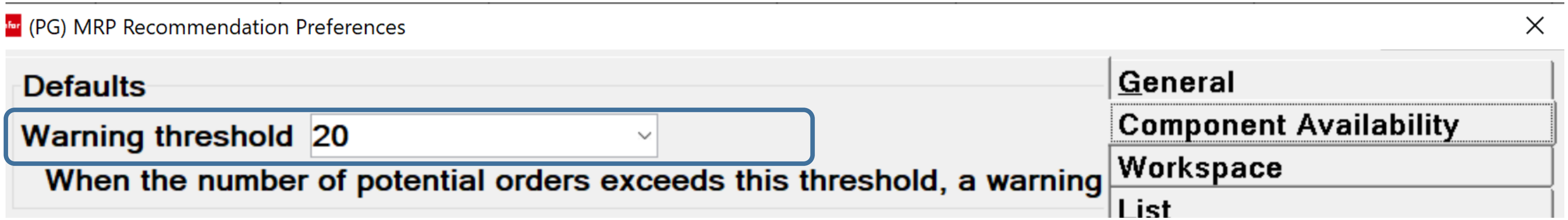
(PG) MRP Recommendation Preferences

Options

Immediate processing of transactions: Yes

Print shop packets for M.O. create transactions: No

General
Component Availability
Workspace
List
Card File



(PG) MRP Recommendation Preferences

Defaults

Warning threshold: 20

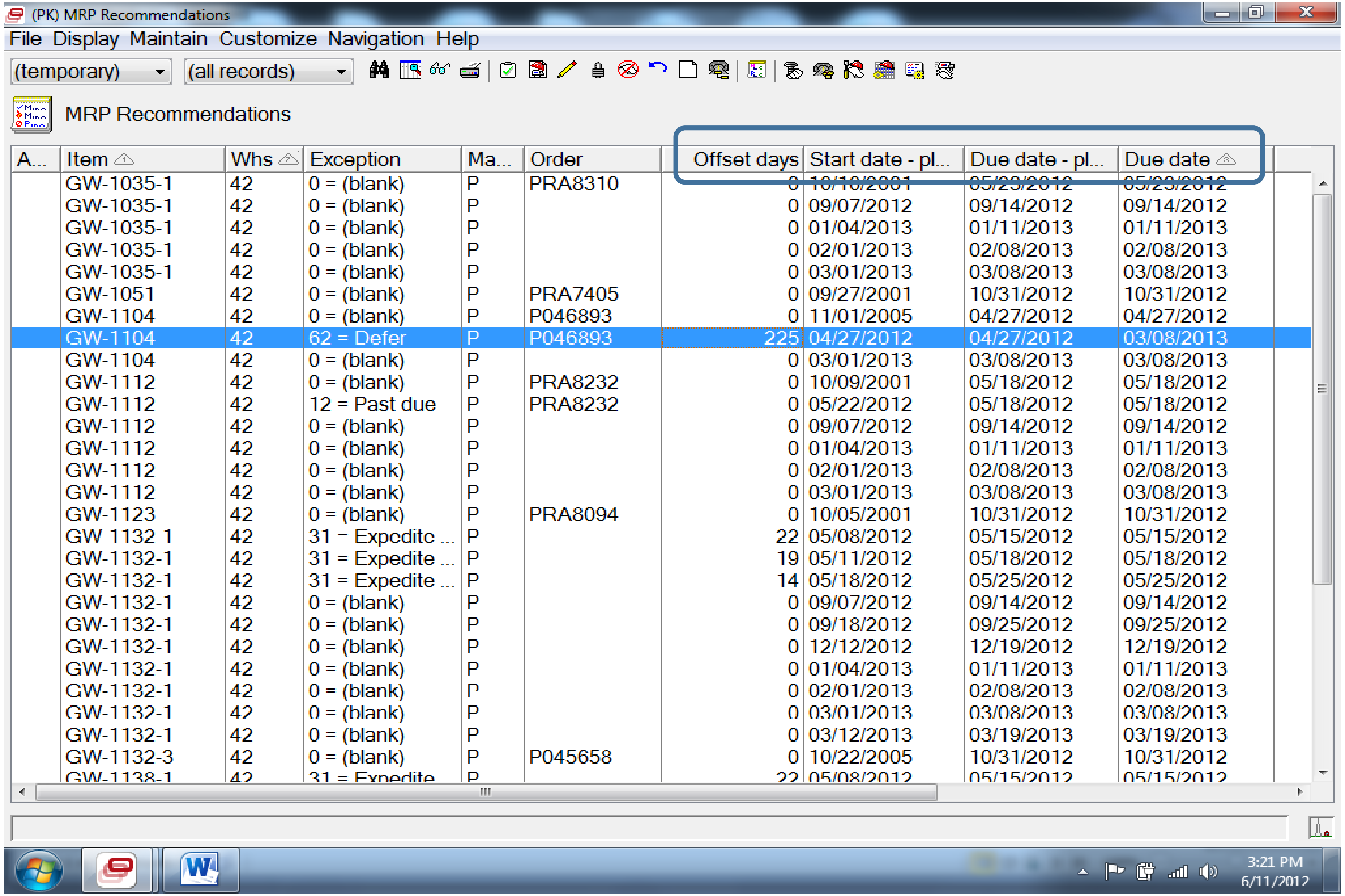
When the number of potential orders exceeds this threshold, a warning

General
Component Availability
Workspace
List

Field Explanations

- Order Start/Due Date **Planned**
  - Existing start/due dates on the MO/PO/Schedule
- Order Start/Due Date **New**
  - MRP recommended date
- Offset days
  - For Expedite and Defer messages
  - Number of working days to move the order

MRP Recommendations



A...	Item	Whs	Exception	Ma...	Order	Offset days	Start date - pl...	Due date - pl...	Due date
	GW-1035-1	42	0 = (blank)	P	PRA8310	0	10/10/2001	05/23/2012	05/23/2012
	GW-1035-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1035-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1035-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1035-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1051	42	0 = (blank)	P	PRA7405	0	09/27/2001	10/31/2012	10/31/2012
	GW-1104	42	0 = (blank)	P	P046893	0	11/01/2005	04/27/2012	04/27/2012
	GW-1104	42	62 = Defer	P	P046893	225	04/27/2012	04/27/2012	03/08/2013
	GW-1104	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1112	42	0 = (blank)	P	PRA8232	0	10/09/2001	05/18/2012	05/18/2012
	GW-1112	42	12 = Past due	P	PRA8232	0	05/22/2012	05/18/2012	05/18/2012
	GW-1112	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1112	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1112	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1112	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1123	42	0 = (blank)	P	PRA8094	0	10/05/2001	10/31/2012	10/31/2012
	GW-1132-1	42	31 = Expedite ...	P		22	05/08/2012	05/15/2012	05/15/2012
	GW-1132-1	42	31 = Expedite ...	P		19	05/11/2012	05/18/2012	05/18/2012
	GW-1132-1	42	31 = Expedite ...	P		14	05/18/2012	05/25/2012	05/25/2012
	GW-1132-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1132-1	42	0 = (blank)	P		0	09/18/2012	09/25/2012	09/25/2012
	GW-1132-1	42	0 = (blank)	P		0	12/12/2012	12/19/2012	12/19/2012
	GW-1132-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1132-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/12/2013	03/19/2013	03/19/2013
	GW-1132-3	42	0 = (blank)	P	P045658	0	10/22/2005	10/31/2012	10/31/2012
	GW-1138-1	42	31 = Expedite	P		22	05/08/2012	05/15/2012	05/15/2012

Suggested Subsets

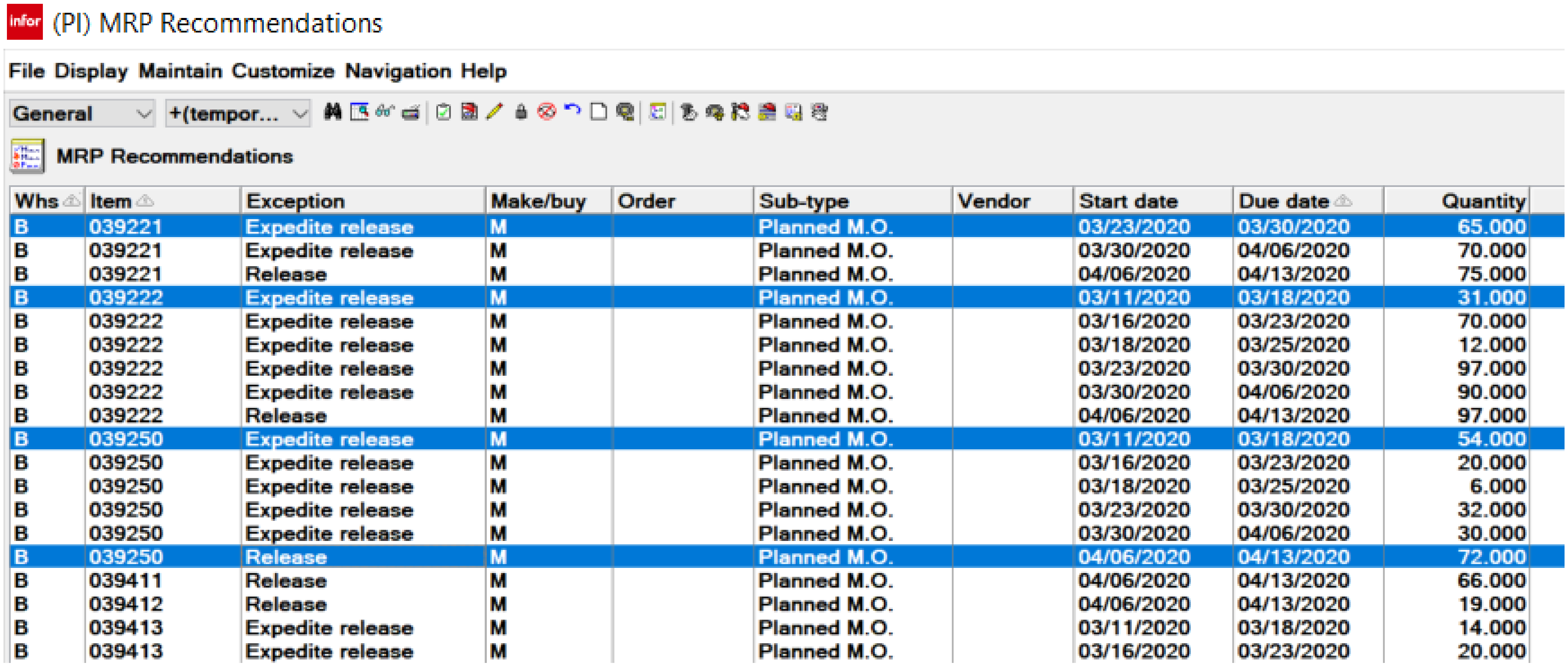
- Planner Number
- Exception Code
  - Separate subset for each exception condition:
    - Past Due (Date Lo)
    - 31 Expedite & Release with 51 Release
    - 33 Expedite & 42 Reschedule
    - 62 Defer
    - 72 Cancel
- Offset Days
  - Use to filter messages with a low number of days in subsets with expedite/defer messages

Shortage Checking

Component Shortage Checking

- Hold down the ‘Control’ key (on your keyboard) and click on the orders you want to select for shortage checking
- After all orders have been selected, right click then select ‘Maintain’ then ‘Component Availability Check’
- A window will be displayed asking if you want to create a temporary file, click ‘yes’

Component Shortage Checking



Whs	Item	Exception	Make/buy	Order	Sub-type	Vendor	Start date	Due date	Quantity
B	039221	Expedite release	M		Planned M.O.		03/23/2020	03/30/2020	65.000
B	039221	Expedite release	M		Planned M.O.		03/30/2020	04/06/2020	70.000
B	039221	Release	M		Planned M.O.		04/06/2020	04/13/2020	75.000
B	039222	Expedite release	M		Planned M.O.		03/11/2020	03/18/2020	31.000
B	039222	Expedite release	M		Planned M.O.		03/16/2020	03/23/2020	70.000
B	039222	Expedite release	M		Planned M.O.		03/18/2020	03/25/2020	12.000
B	039222	Expedite release	M		Planned M.O.		03/23/2020	03/30/2020	97.000
B	039222	Expedite release	M		Planned M.O.		03/30/2020	04/06/2020	90.000
B	039222	Release	M		Planned M.O.		04/06/2020	04/13/2020	97.000
B	039250	Expedite release	M		Planned M.O.		03/11/2020	03/18/2020	54.000
B	039250	Expedite release	M		Planned M.O.		03/16/2020	03/23/2020	20.000
B	039250	Expedite release	M		Planned M.O.		03/18/2020	03/25/2020	6.000
B	039250	Expedite release	M		Planned M.O.		03/23/2020	03/30/2020	32.000
B	039250	Expedite release	M		Planned M.O.		03/30/2020	04/06/2020	30.000
B	039250	Release	M		Planned M.O.		04/06/2020	04/13/2020	72.000
B	039411	Release	M		Planned M.O.		04/06/2020	04/13/2020	66.000
B	039412	Release	M		Planned M.O.		04/06/2020	04/13/2020	19.000
B	039413	Expedite release	M		Planned M.O.		03/11/2020	03/18/2020	14.000
B	039413	Expedite release	M		Planned M.O.		03/16/2020	03/23/2020	20.000

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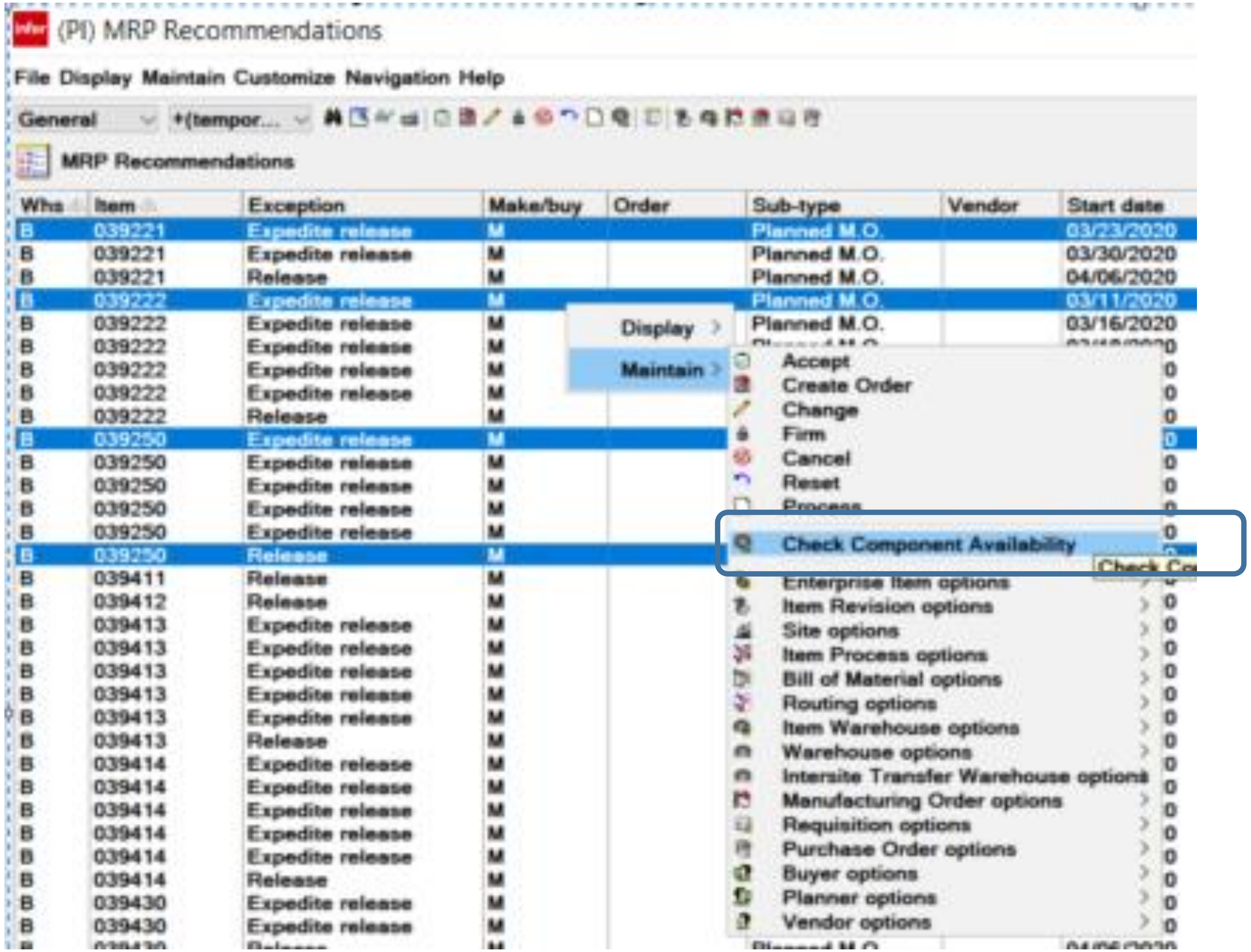
THE INFOR XA EXPERTS

Component Shortage Checking


(PI) MRP Recommendations
File Display Maintain Customize Navigation Help
General
+(tempor...
MRP Recommendations
Display
Maintain
Accept
Create Order
Change
Firm
Cancel
Reset
Process
Check Component Availability
Enterprise Item options
Item Revision options
Site options
Item Process options
Bill of Material options
Routing options
Item Warehouse options
Warehouse options
Intersite Transfer Warehouse options
Manufacturing Order options
Requisition options
Purchase Order options
Buyer options
Planner options
Vendor options

Whs	Item	Exception	Make/buy	Order	Sub-type	Vendor	Start date
B	039221	Expedite release	M		Planned M.O.		03/23/2020
B	039221	Expedite release	M		Planned M.O.		03/30/2020
B	039221	Release	M		Planned M.O.		04/06/2020
B	039222	Expedite release	M		Planned M.O.		03/11/2020
B	039222	Expedite release	M		Planned M.O.		03/16/2020
B	039222	Expedite release	M				
B	039222	Expedite release	M				
B	039222	Expedite release	M				
B	039222	Release	M				
B	039250	Expedite release	M				
B	039250	Expedite release	M				
B	039250	Expedite release	M				
B	039250	Expedite release	M				
B	039250	Expedite release	M				
B	039250	Release	M				
B	039411	Release	M				
B	039412	Release	M				
B	039413	Expedite release	M				
B	039413	Expedite release	M				
B	039413	Expedite release	M				
B	039413	Expedite release	M				
B	039413	Expedite release	M				
B	039413	Release	M				
B	039414	Expedite release	M				
B	039414	Expedite release	M				
B	039414	Expedite release	M				
B	039414	Expedite release	M				
B	039414	Expedite release	M				
B	039414	Release	M				
B	039430	Expedite release	M				
B	039430	Expedite release	M				

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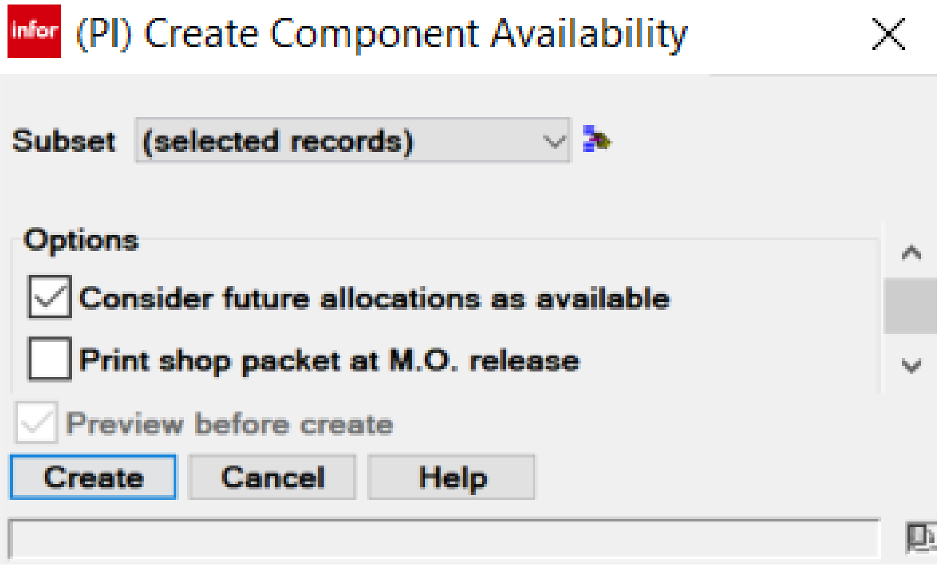
THE INFOR XA EXPERTS

Component Shortage Checking


(PI) Create Component Availability

Subset (selected records)

Options

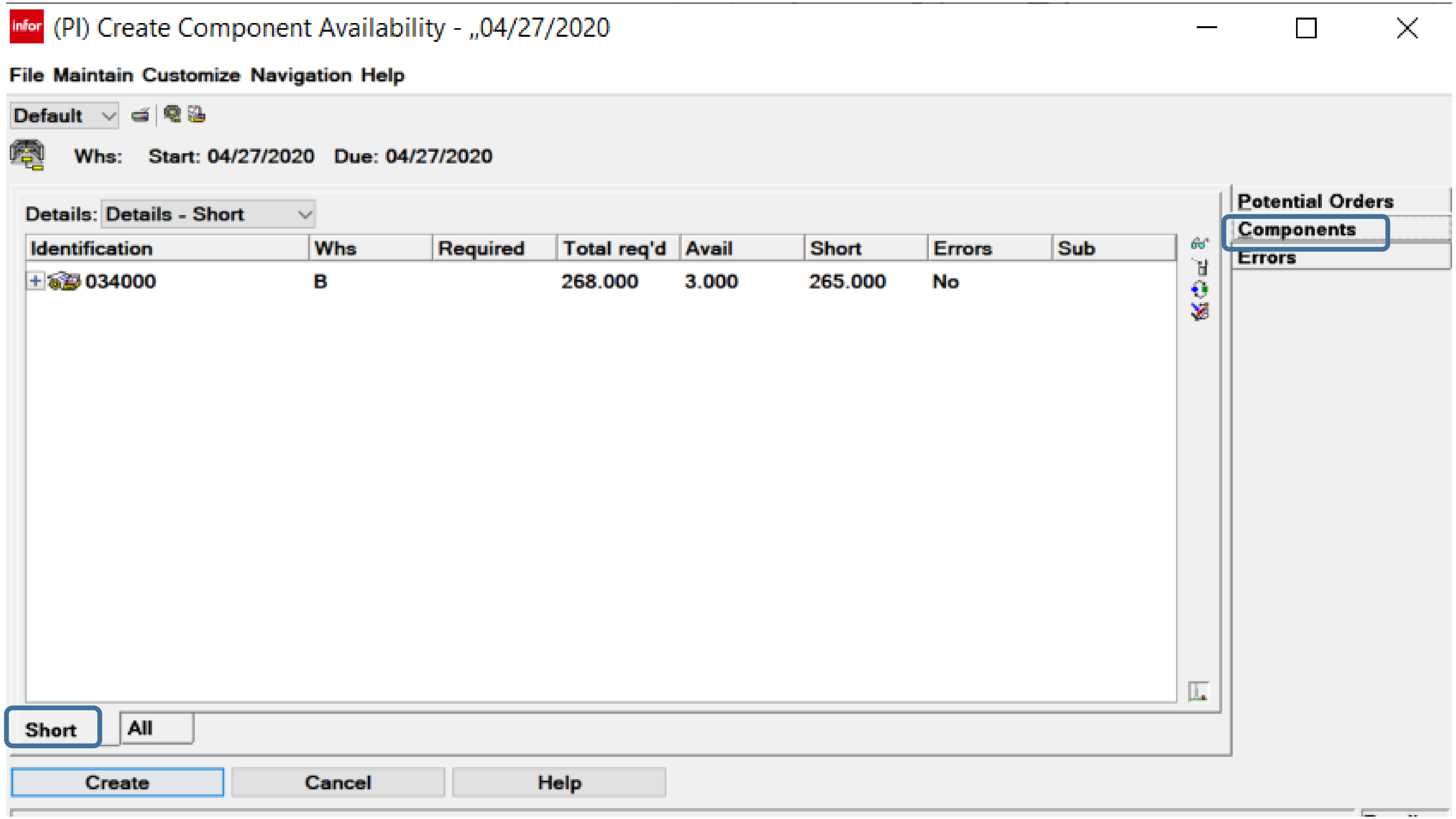
☑ Consider future allocations as available

☐ Print shop packet at M.O. release

☑ Preview before create

- Clicking ‘Create’ builds the shortage check, not the order
- ‘Consider Future Allocations as Available’ means that MO Allocations with dates in the future will be ignored for the component check

Component Shortage Checking


(PI) Create Component Availability - ,,04/27/2020
File Maintain Customize Navigation Help
Default
Potential Orders
Components
Errors
Short
All
Create
Cancel
Help

Whs: Start: 04/27/2020 Due: 04/27/2020

Details: Details - Short

Identification	Whs	Required	Total req'd	Avail	Short	Errors	Sub
034000	B		268.000	3.000	265.000	No	

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THE INFOR XA EXPERTS

Component Shortage Checking

- On the ‘Component – Short’ card
    - Only components that are short will be displayed
    - Click on the plus button to the left of the item to see which MO(s) will have shortages
- On the ‘Potential Orders’ card
    - You can remove selected planned orders by clicking on the order and then click on the delete (trash can) button on the right side of the card
- If you want to create the MO’s for all Potential Orders, click on the ‘Create’ button (lower left corner)

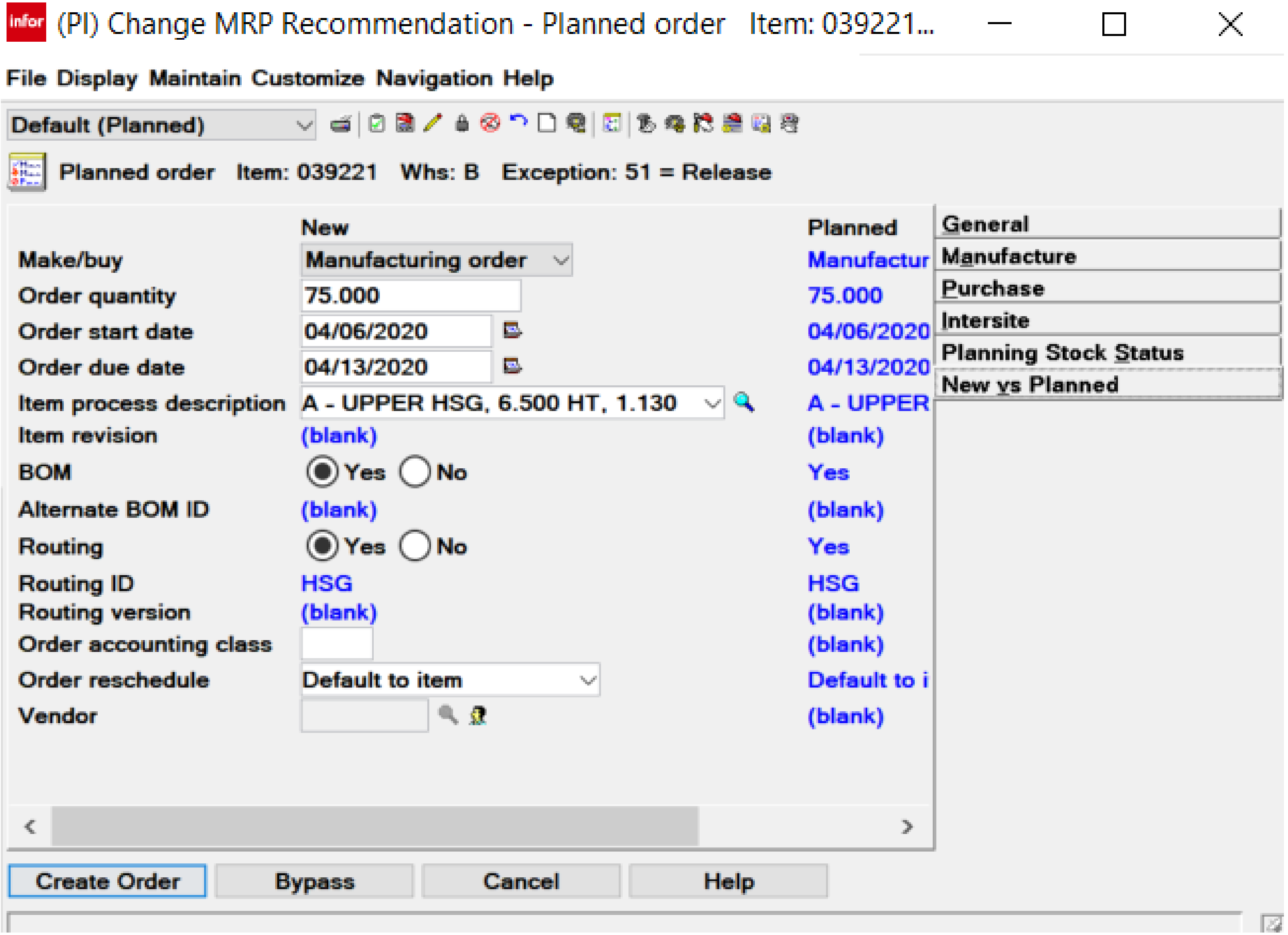
Working the Recommendations

- For ’31 Release & Expedite’, ‘51 Release’ and ‘0 Blank’ Recommendations
  - Use the ‘Create’ recommendation button to bring up a card file to create a new order
- For ‘33 Expedite’, ‘42 Reschedule’ or ’62 Defer’ Recommendations
  - Use the ‘Accept’ recommendation button to process ‘Expedite’ or ‘Defer’ messages
    - Will change the due date on PO Item/Release or MO

Create a New MO

- Single click on the planned order then click on the 'Create Order' button
- A card file will be displayed with all the information in the planned order (dates, quantity, etc.)
- Can change any of the fields displayed
- Can select an alternate process (EPDM)
- Can copy the bill & routing to the MO or copy them in later

Create MO

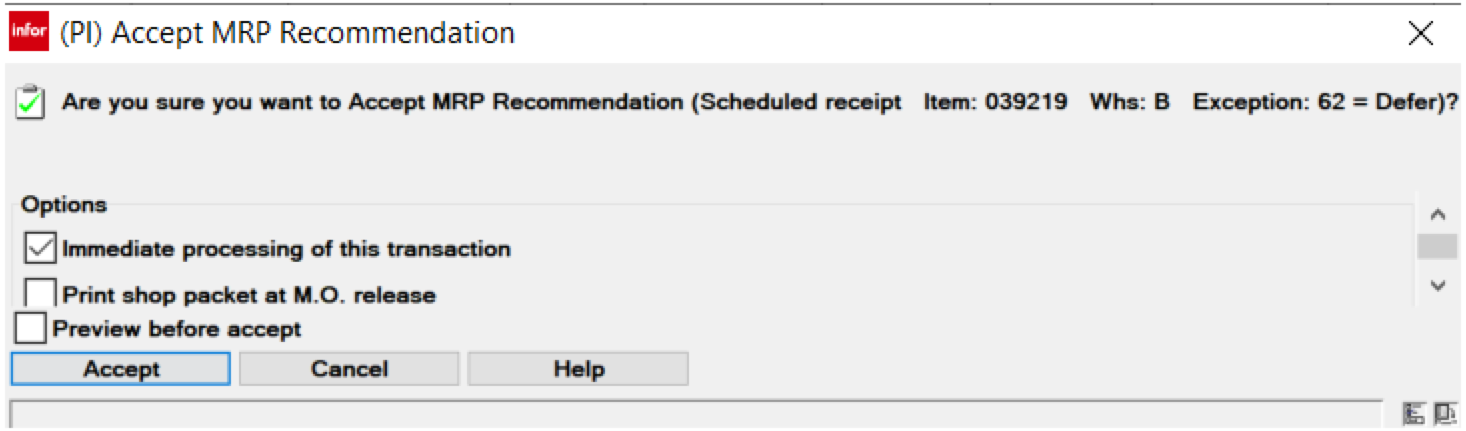


(PI) Change MRP Recommendation - Planned order Item: 039221...
File Display Maintain Customize Navigation Help
Default (Planned)
General
Manufacture
Purchase
Intersite
Planning Stock Status
New vs Planned
Create Order
Bypass
Cancel
Help

Planned order Item: 039221 Whs: B Exception: 51 = Release

	New	Planned
Make/buy	Manufacturing order	Manufactur
Order quantity	75.000	75.000
Order start date	04/06/2020	04/06/2020
Order due date	04/13/2020	04/13/2020
Item process description	A - UPPER HSG, 6.500 HT, 1.130	A - UPPER
Item revision	(blank)	(blank)
BOM	● Yes ○ No	Yes
Alternate BOM ID	(blank)	(blank)
Routing	● Yes ○ No	Yes
Routing ID	HSG	HSG
Routing version	(blank)	(blank)
Order accounting class		(blank)
Order reschedule	Default to item	Default to i
Vendor		(blank)

Expedite/Defer


(PI) Accept MRP Recommendation

Are you sure you want to Accept MRP Recommendation (Scheduled receipt Item: 039219 Whs: B Exception: 62 = Defer)?

Options

☑ Immediate processing of this transaction

☐ Print shop packet at M.O. release

☐ Preview before accept

- Single click on the recommendation
- Click on the ‘Accept Recommendation’ button (clipboard with green check)
- Card above will be displayed
- Click ‘Accept’ and date on the order will be changed

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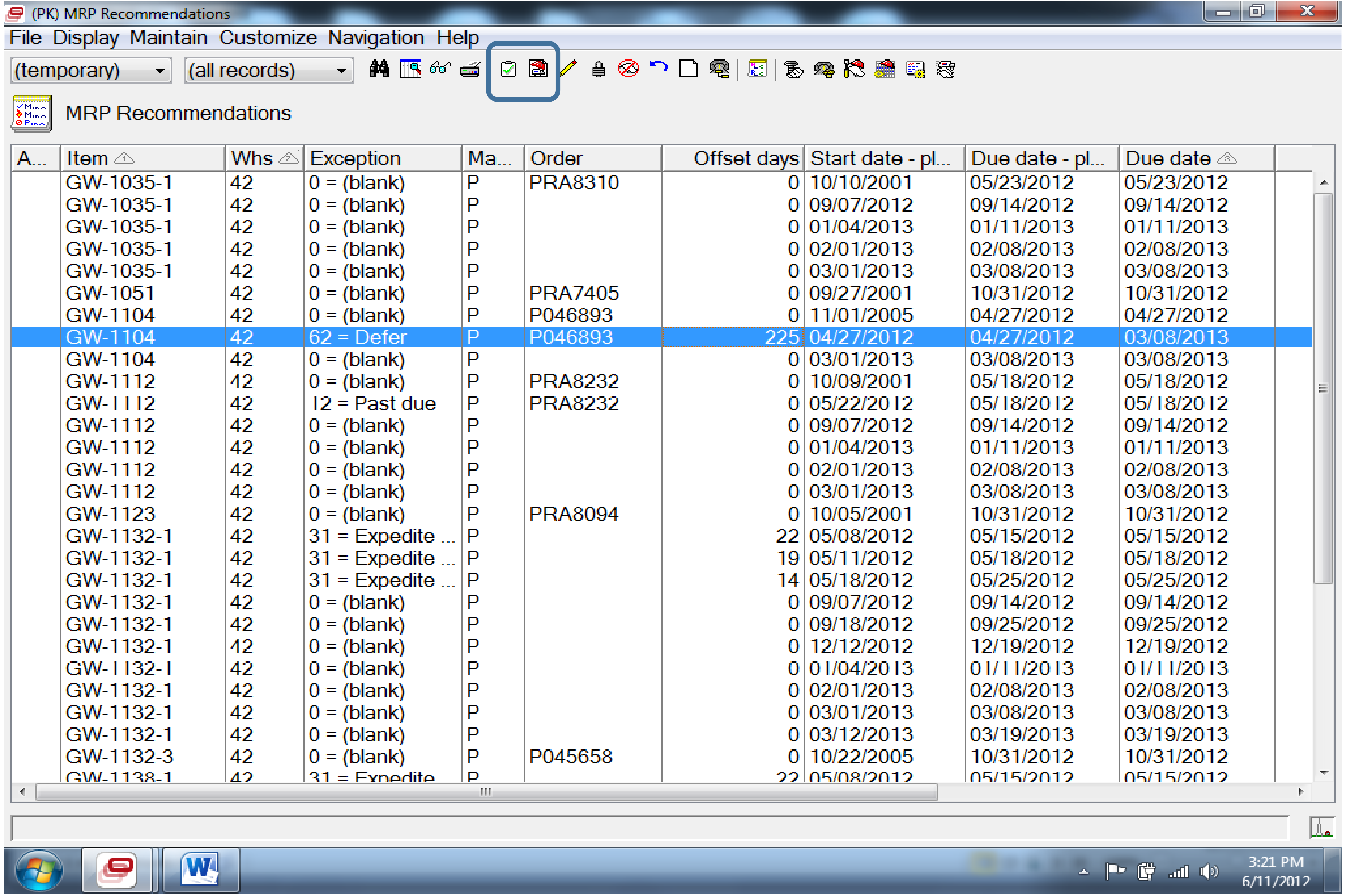
THE INFOR XA EXPERTS

Creating Purchase Orders

Purchase Orders

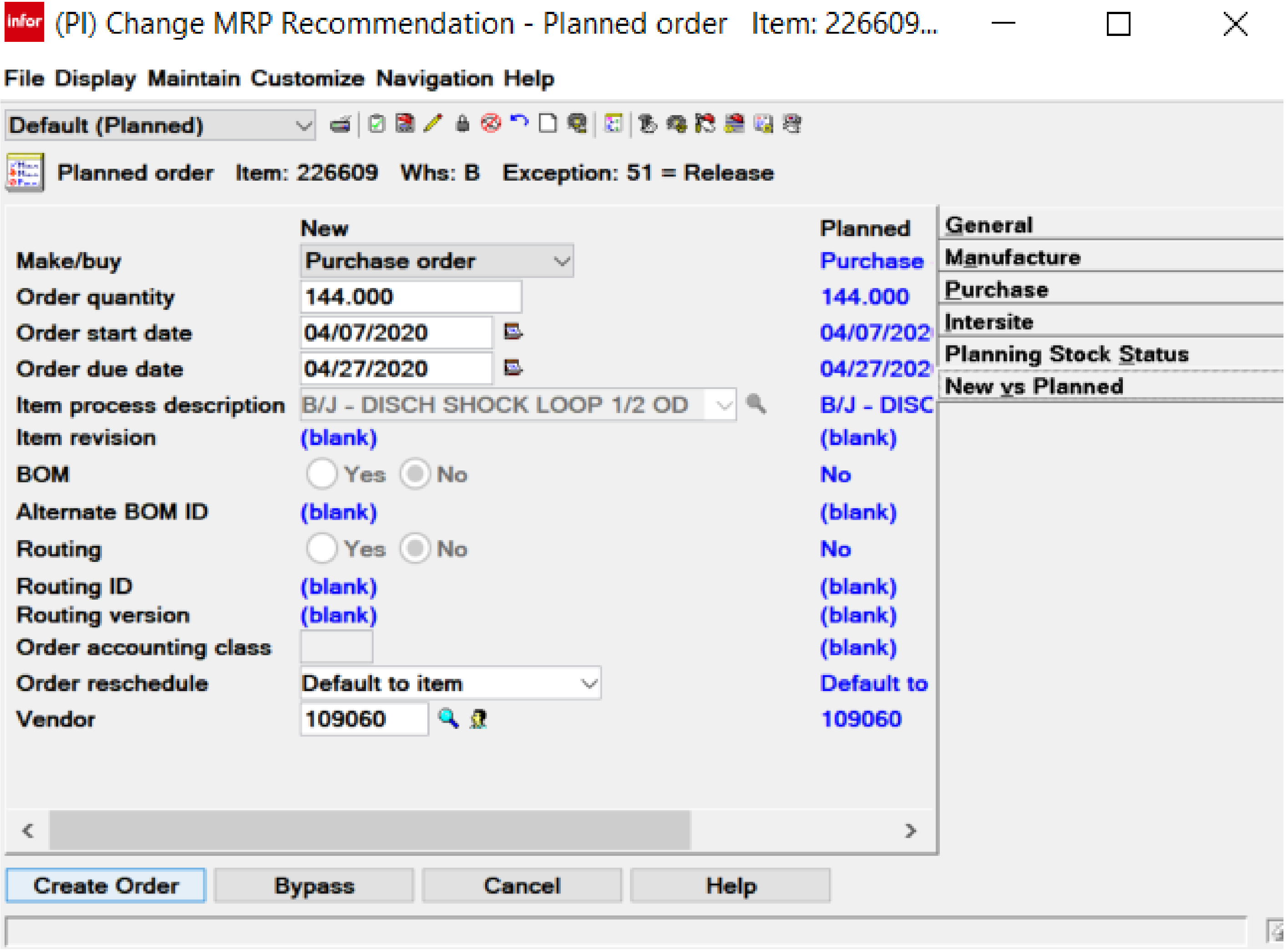
- If the recommendations are for purchased parts, you can:
  - Create a new PO
  - Add an item to an existing PO
  - Add a release to an existing blanket
  - Let the system find the existing blanket and add the release, if it doesn’t find a blanket, it will create a new PO

Working the Recommendations



A...	Item	Whs	Exception	Ma...	Order	Offset days	Start date - pl...	Due date - pl...	Due date
	GW-1035-1	42	0 = (blank)	P	PRA8310	0	10/10/2001	05/23/2012	05/23/2012
	GW-1035-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1035-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1035-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1035-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1051	42	0 = (blank)	P	PRA7405	0	09/27/2001	10/31/2012	10/31/2012
	GW-1104	42	0 = (blank)	P	P046893	0	11/01/2005	04/27/2012	04/27/2012
	GW-1104	42	62 = Defer	P	P046893	225	04/27/2012	04/27/2012	03/08/2013
	GW-1104	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1112	42	0 = (blank)	P	PRA8232	0	10/09/2001	05/18/2012	05/18/2012
	GW-1112	42	12 = Past due	P	PRA8232	0	05/22/2012	05/18/2012	05/18/2012
	GW-1112	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1112	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1112	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1112	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1123	42	0 = (blank)	P	PRA8094	0	10/05/2001	10/31/2012	10/31/2012
	GW-1132-1	42	31 = Expedite ...	P		22	05/08/2012	05/15/2012	05/15/2012
	GW-1132-1	42	31 = Expedite ...	P		19	05/11/2012	05/18/2012	05/18/2012
	GW-1132-1	42	31 = Expedite ...	P		14	05/18/2012	05/25/2012	05/25/2012
	GW-1132-1	42	0 = (blank)	P		0	09/07/2012	09/14/2012	09/14/2012
	GW-1132-1	42	0 = (blank)	P		0	09/18/2012	09/25/2012	09/25/2012
	GW-1132-1	42	0 = (blank)	P		0	12/12/2012	12/19/2012	12/19/2012
	GW-1132-1	42	0 = (blank)	P		0	01/04/2013	01/11/2013	01/11/2013
	GW-1132-1	42	0 = (blank)	P		0	02/01/2013	02/08/2013	02/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/01/2013	03/08/2013	03/08/2013
	GW-1132-1	42	0 = (blank)	P		0	03/12/2013	03/19/2013	03/19/2013
	GW-1132-3	42	0 = (blank)	P	P045658	0	10/22/2005	10/31/2012	10/31/2012
	GW-1138-1	42	31 = Expedite	P		22	05/08/2012	05/15/2012	05/15/2012

Purchasing Card


(PI) Change MRP Recommendation - Planned order Item: 226609...
File Display Maintain Customize Navigation Help
Default (Planned)
General
Manufacture
Purchase
Intersite
Planning Stock Status
New vs Planned
Create Order
Bypass
Cancel
Help

Planned order Item: 226609 Whs: B Exception: 51 = Release

	New	Planned
Make/buy	Purchase order	Purchase
Order quantity	144.000	144.000
Order start date	04/07/2020	04/07/202
Order due date	04/27/2020	04/27/202
Item process description	B/J - DISCH SHOCK LOOP 1/2 OD	B/J - DISC
Item revision	(blank)	(blank)
BOM	○ Yes ● No	No
Alternate BOM ID	(blank)	(blank)
Routing	○ Yes ● No	No
Routing ID	(blank)	(blank)
Routing version	(blank)	(blank)
Order accounting class		(blank)
Order reschedule	Default to item	Default to
Vendor	109060	109060

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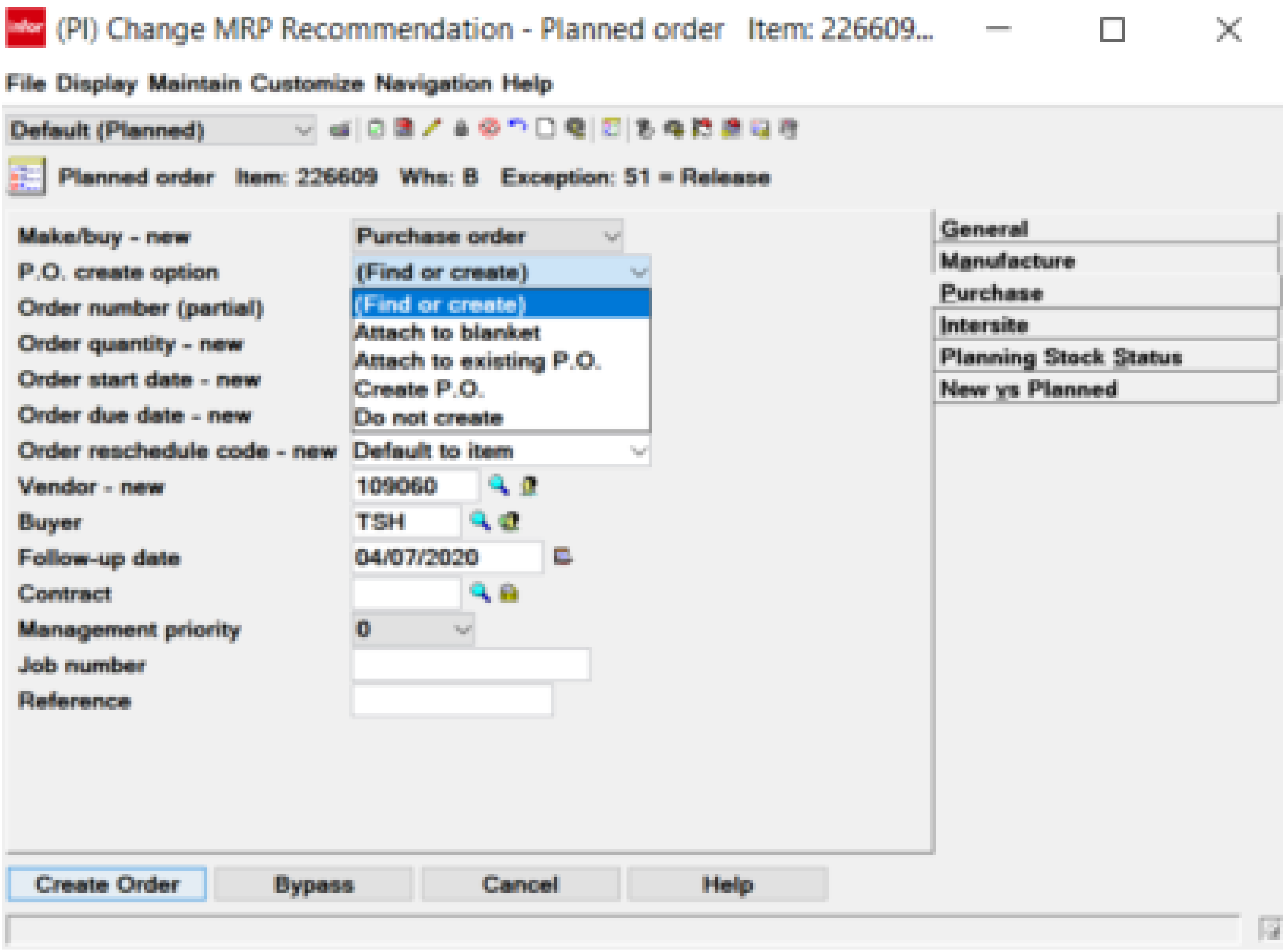
THE INFOR XA EXPERTS

Purchase Options


(PI) Change MRP Recommendation - Planned order Item: 226609...
File Display Maintain Customize Navigation Help
Default (Planned)
General
Manufacture
Purchase
Intersite
Planning Stock Status
New vs Planned
Create Order
Bypass
Cancel
Help

Planned order Item: 226609 Whs: B Exception: 51 = Release

Make/buy - new: Purchase order
P.O. create option: (Find or create)
- (Find or create)
- Attach to blanket
- Attach to existing P.O.
- Create P.O.
- Do not create

Order number (partial)
Order quantity - new
Order start date - new
Order due date - new
Order reschedule code - new: Default to item
Vendor - new: 109060
Buyer: TSH
Follow-up date: 04/07/2020
Contract
Management priority: 0
Job number
Reference

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THE INFOR XA EXPERTS

Purchase Options

- Find or Create
  - If an existing blanket PO exists for the item, will add a release to the blanket order
- Attach to Blanket
  - Adds the planned order as a release to an existing blanket
  - Must enter the blanket PO number (without the ‘P’)
- Attach to Existing PO
  - Creates a new item on a PO
  - Must enter the PO number (without the ‘P’)
- Create PO
  - Creates a new PO for the item

Purchase Options

- Only field not available is ‘Purchase Price’
- Purchasing Control File determines the field that holds the default PO price
  - Current Material This Level (from Item Mst/Rev B)
  - Purchase Price (from Item Mst/Rev C)
  - Unit Cost Default (from Item Mst/Rev A)
  - Standard Cost (from Item Bal)
- Default field can be displayed on the card but cannot be entered

Conclusion

- Material Planning is providing more options for reviewing planning recommendations as well as the majority of options in green screen MRP menus
- It doesn’t matter which planning application (MRP, VPI or Thru Put) you’re running, all files that PowerLink uses are updated
- Compare the ‘Planned Activity’ card to the ‘Item Requirements Inquiry’ screen
  - The more you use ‘Planned Activity’ the easier it will become
  - ‘Planned Activity’ has much more information on it